

DECOLINE

Epoxy resins
Polyurethane resins
and elastomers
Silicone elastomers



Arts Deco

Professional creative materials

	Original model	Mold, tooling	Reproduction of parts	Restoring, assembly	Auxiliary products
Figurines and statues	Modelling paste SC 258 Labelite 109	Soft molds Essil 20 + Thixo TSA Essil 120 Reinforcements Epopast 400 GC1 050 SC 258 Rigid molds F 19, F 23	F 1 F 18 F 19 + fillers F 23 F 31 RIM 832 F 38		Flash V12 A 130 RZ 30150 RZ 209/6 Demolding agent 870 Manual spray gun Easymax
Mock-ups and scale models	Prolab 65 Labelite 400 Adekit A 130 Adekit A 310 Easymax	Soft molds Essil 20 Essil 291 Rigid molds EPO 4040 F 23	Opaque parts F 18 F 31 Transparent parts Translux D 180 PX 521 ht Flexible parts UR 3450 UR 5835		Flash V12 A 130 RZ 30150 RZ 209/6 RZ1021 Demolding agent 870 Multi-purpose modelling paste CP colorkit Manual spray gun
Decorative and promotional objects		Soft molds Essil 291 Essil 20 Essil 113 Rigid molds EPO 5019 NR	Opaque parts F 1, F 18, F 23, F 31 Transparent parts PX 521 HT Translux D 180 Translux D 150 Flexible parts UR 5825, UR 5835 UR 5850		A 77P Modelling paste RZ 30150 RZ 209/6 Demolding agent 870 CP colorkit
Interior decoration	SC 258 Prolab 45	Soft molds Essil 20 UR 5825 Essil 120	Staff/plaster parts F 18, F 23 Soft parts UR 3460, UR 5835 Essil 291 Opaque parts F 18, F 31 Transparent parts PX 521 HT	Glazing RSF 816 + accelerator	Easymax RZ 30150 RZ 209/6 Demolding agent 870 Flash V12 Adekit A 135
Stage decors and accessories	Labelite 180 SC 258 Epopast 400		UR 5825 UR 5835 UR 3490 UR 3558 Varaform Epolam 2015		Easymax Flash V12 Demolding agent 870 Adekit A 252 Adekit A 135 Wax 827 CP colorkit Manual spray gun
Restoration, renovation			For stone EPO 95 + charges EPO 95 + tissus For glass RSF 816 In wet environments EPO 95 Fastik 7 MN	For wood SC 258 Easymax Epolam 2015 Epolam 5015	Adekit A 252 Adekit A 135 Accelerator for RSF 816 RZ 30150 RZ 30273 Manual spray gun Cartridge adaptor
Mold, negatives, print making	Rigid molds Epopast 400 + GC1 050 F 18 + fillers F 23 F 50 + fillers	Molds on plaster Essil 20 Essil 113 UR 5835 UR 3435 Reinforcements Epopast 400 EPO 95/95 S	Molds on wood Essil 20 Easymax Essil 113 Molds on natural subjects Essil 20 Essil 113 Varaform	Molds on stone and concrete Essil 20 UR 3435 UR 3460 UR 5850 UR 5860 Demolding agents 851	Thixotropant TSA Thixotropant THA 121 Pore-sealant 821 Easymax RZ 30150 RZ 209/6 Wax 827 Manual spray gun

Preface

For over 20 years, AXSON has been developing a range of very high quality resins (epoxies and polyurethanes) for the modelling and prototyping industries. Currently our products are in such leading-edge industries as automotive and aerospace, where the highest of product quality is essential. Our products are also used in the ceramic, marine, foundry, and other manufacturing industries requiring high quality resins.

Today, AXSON is making our industrial experience available to professionals in artistic creation and in the plastic arts field.

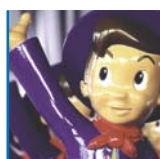
The epoxy and polyurethane resins are high performance, top of the range products, easy to use and capable of durable and faithful production and reproduction of complex shapes with different textures, appearances and colors.

We are certain that in the pages of this catalog you will discover exceptional products to give free rein to your imagination...

Happy creations!

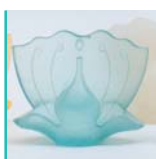
Catalog organisation

The AXSON DECOLINE catalog is organised around 7 main themes that we feel correspond best to the numerous possible decorative arts activities. Each theme is subdivided according to the production phases (for example: model, mold, reproduction) and includes a set of auxiliary products useful in the working.



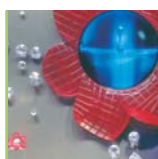
Figurines and statues

p.4-6



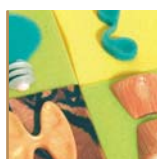
Mock-ups and scale models

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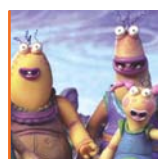
Decorative and promotional objects

p.10-12



Interior decoration

p.13-15



Stage decors and accessories

p.16-17



Restoration, renovation

p.18-19



Negatives, taking of prints

p.20-23

These 7 themes are divided into sub-sections and each contains relatively similar development techniques.

For this reason, we have noted almost 70 different products and over 120 references that are recommended for identified applications. This is why you will see a same product indicated several times, but presented

differently according to the result to be obtained.

On the left is an overview of our products, which is the best possible introduction. There is a selection guide in the middle of the catalog that explains very simply the work phases of our fastcast products.

The last page provides all practical information regarding documents and technical questions, with our address details and those of our distribution network.

We have no doubt that you will see the benefits of our products and how they can be utilized in numerous other applications!

Happy reading!

Figurines & Statues

Creating the original



Modelling paste
"Child's play"

Ready to use, this product is stable to 50°C, homogenous and with excellent definition. It can be used both for preparing models as well as modifying surfaces and mold sealing. Non toxic and compatible with all AXSON products, it smoothes well with white spirit and does not adhere to the tools. For a molding in silicone, protect the model with an aerosol acrylic varnish.

Ref.: Z 35062 - 6 bars of 350 g



LABELITE 109
"Fashion at will"

Labelite 109 is a low density polyurethane foam intended for use in developing shapes of all sizes. The slabs are easily cut up using hand tools (saw, etc.) or a machine and are then readily and accurately worked using conventional or electrical portable sculptor tools. Labelite 109 has a uniform cell and does not plush.

Ref.: Z 35262 - 2250 x 1000 x 50 mm

Ref.: Z 35261 - 2250 x 1000 x 100 mm



SC 258
"Permanent modelling paste"

SC 258 is a ready-to-use, low density bi-component epoxy paste. It can be worked by hand easily for 1 hour. After hardening, it can then be finished using conventional tools. Used as such or as a surface coat on any support, it can be sanded, painted or varnished for an optimum finish.

Ref.: 05491 - Cans of (5 kg + 5 kg)

Ref.: 05270 - Cans of (10 kg + 10 kg)

Duplication molds



ESSIL 20 + Thixo. TSA
"Just use what is needed"

ESSIL 20 is a polycondensation silicone employed with thixotropant TSA, applied by brush to all types of complex and/or vertical surfaces. It has a high value for elongation. It is mainly used for thimble molds and is compatible for casting of usual materials such as resins, plasters, metals with low melting point, wax, etc.

Ref.: 00040 - Box of 6 x (1 kg + 50 g)

Ref.: 00042 - Cans of (20 kg + 1 kg)

Ref.: Z 35208 - Thixotropant TSA



ESSIL 120
"Easy molding"

ESSIL 120 is a polycondensation silicone to be used by fast casting after mixing with its catalyst. Its main characteristics are extreme flexibility and Shore A 20 hardness. In addition it is naturally degassing. Its low viscosity allows very accurate print taking. Very high elongation at break means complex shapes can be demolded.

Ref.: 05075 - Box of 6 x (1 kg + 50 g)

Ref.: 05072 - Cans of (5 kg + 250 g)

Ref.: 05069 - Cans of (20 kg + 1 kg)



EPOCAST 400
"Reinforcements and consolidation"

EPOCAST 400 is a combination of epoxy resins reinforced by micro glass fibers for manual reinforcing of all types of molds such as thimbles (elastomer reinforcement) and rigid molds (surface layer reinforcement). It is ready to use, comfortable to apply and has a high plasticity. Its working time is 1 hour and a half.

Ref.: 06011 - Cans of (10 kg + 1,4 kg)

This chapter contains 15 different main products and 7 auxiliary products selected for creating originals and duplications of figurines, statuettes, statues.

These products have already been put through their paces in a number of workshops and are easy to use, regardless of your demands in terms of part sizes, details faithfulness and your production constraints.



GC1 050
"The versatile gelcoat"

This is an epoxy gelcoat that is easily applied with a brush on all types of rigid surfaces, treated beforehand with a demolding agent. It can be touched up by hand, sanded or polished.

Ref.: 06090 - Box of 12 x (500 g + 50 g)

Ref.: 06093 - Cans of (5 kg + 0,5 kg)



F 23
"Simple and no shrinkage
fastcast"

F23 is a pre filled PU resin that is ready to use and destined for producing rigid molds on simple shapes and without undercut. Its final appearance is white, plaster aspect and with a high surface quality. It can be sanded and polished.

Ref.: 03453 - Box of 6 x (200 g + 1 kg)

Ref.: 04087 - Cans of (1 kg + 5 kg)



F 19 + fillers
"Styled rigid molds"

F19 is a versatile PU resin with very low viscosity. Its long pot life allows for the development of large size and thickness rigid molds. It is filled at will according to the state of the surface and the hardness sought.

Réf.: 05981 - Cans of (4,5 kg + 4,5 kg)

Réf.: 05984 - Cans of (18 kg + 18 kg)

SC 258 SC 258 is also used for light reinforcements for thimble mold coats for example.

Duplication and reproduction of parts



F 31
"Fast and accurate"

F31 is an unfilled polyurethane resin, quick hardening and intended for faithful reproduction and duplication of small size figurines. It is mixed easily (1:1), is naturally degassed and fluid during casting. Its pot life is 2 minutes and it can be demolded after 30 minutes. Beige in color, it has good temperature definition (100°C).

Ref.: 05391K - Boxes of 6 x (0,9 kg + 0,9 Kg)

Ref.: 04560 - Cans of (20 kg + 20 Kg)



F 1
"Simplicity par excellence"

F1 is a filled polyurethane resin, ready to use, with characteristics that include easy to use and reproduction quality, as well as naturally degassing. Its pot life is 5 minutes and it can be demolded after 45 minutes (depending on the thickness). Its colors are black, ivory white or green.

■ Ref.: 00675K - Boxes of 6 x (750 g + 750 g)

■ Ref.: 00676K - Boxes of 6 x (750 g + 750 g)

■ Ref.: 00677K - Boxes of 6 x (750 g + 750 g)



Replicart according to Albert Champeaux

F 18
"For large volumes"

The exclusive formulation of this bi-component polyurethane resin allows the addition of a high filler ratio (up to 200%). F18 is a product dedicated to the development of large size models to be used with mineral or metallic fillers for all types of creations. Easy to use, this resin is stable and durable. Its pot life is 5 minutes and the demolding time varies according to the filler ratio.

Réf.: 05251K - Boxes of 6 x (900 g + 900 g)

Réf.: 05254 - Cans of (4,5 kg + 4,5 kg)

Réf.: 05296 - Cans of (18 kg + 18 kg)

Figurines & Statues



F 23

"Mineral Aspect"

F23 is a filled polyurethane resin, the main characteristics of which are to reproduce perfectly the surface state of most minerals, both porous (plaster, stucco, porous stone, etc.) and non porous (marble, polished stone, etc.) intended for decorative usage. It is very easy to use and can be retouched, reworked and finished once polymerised. Its pot life is 5 minutes and can be demolded after 45 minutes. White in color, it is suitable for applications with a thickness greater than 5 mm.

Ref.: 03453 - Box of 6 x (200 g + 1 kg)

Ref.: 04087 - Cans of (1 kg + 5 kg)



F 38

"Easy to rework"

F 38 is a PU resin intended for use with figurines that can or need to be mounted, for its reproduction finesse. F 38 is easy to work with a pot life of 2 minutes and can be demolded after 20 to 25 minutes. Its main characteristic is that it can be retouched, trimmed and cut once polymerised using ordinary modelling tools and it is also ductile under thermal constraint. Light grey in color, its casting thickness is 5 to 10 mm maximum.

Ref.: 04311 - Cans of (5 kg + 5 kg)



RIM 832

"Manual rotational molding"

Rim 832 is a specially formulated polyurethane resin used to obtain moldings of hollow parts by manual or mechanical rotational molding. Its main characteristic is to ensure homogeneous coating over the entire mold; the finished part has good temperature resistance. It can be cast for 2 minutes, the rotational molding time varies according to the thickness envisaged and it can be demolded after 30 minutes. Light grey in color, it is compatible with all paints.

Ref.: 04871 - Cans of (24 kg + 19,2 kg)

Ref.: 06572 - Cans of (4,75 kg + 2,85 kg)

Auxiliary products

FLASH V12

Quick curing cyanoacrylate adhesive

A130

Quick curing bi-component epoxy adhesive

RZ 30150

Soft mineral filler that can be sanded for F18

Soft mineral filler that can be sanded for F18

RZ 209/6

Aluminium powder for F19

870

Grease release agent (without silicone)

Spray gun

Manual bi-component spray gun for 50 cc cartridges

EASYMAX

Light grey polyurethane repair paste

Ref.: Z 35176 - Box of 12 flacons de 20 g

Ref.: 00589 - Box of 12 cartouches de 50 cc

Ref.: Z 30513 - Cans of 5 kg

Ref.: Z 35289 - Bags of 15 kg

Ref.: Z 35296 - Cans of 5 kg

Ref.: Z 30731 - 6 x 400 ml aerosol

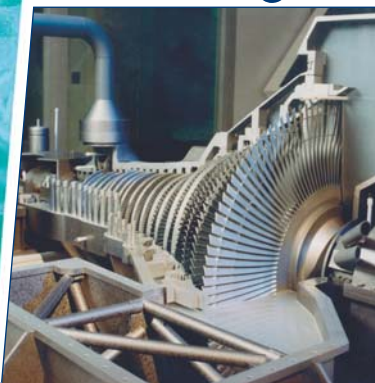
Ref.: Z 30311 - Manual spray gun 50cc

Ref.: 06349 - Box of 6 x (250 g + 250 g)

Mock-ups & Scale models

This chapter presents 15 main products and 9 auxiliary products destined for creating shapes, studies, exhibition, and demonstration mock-ups for professional or modelling applications, from one-off parts to production runs.

Creating the original



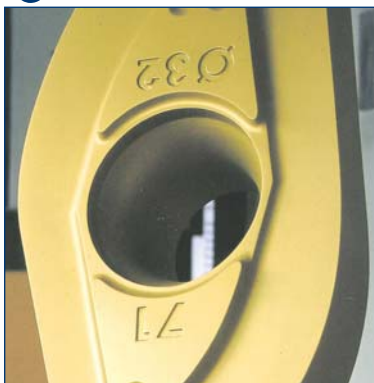
Prolab 65 "Synthetic wood"

Prolab 65 is a medium density polyurethane slab. It can be worked by conventional means or by machine (it can be drilled, threaded or cut). It can be painted, varnished, stained and waxed. This product should be used for mock-ups, parts and volumes with high quality appearance and finish. It is assembled with cyanoacrylate or epoxy adhesives or light brown PU Easymax repair paste.

Ref.: 04524 - 1550 x 500 x 50 mm

Ref.: 04922 - 1550 x 500 x 75 mm

Ref.: 04526 - 1550 x 500 x 100 mm



LABELITE 410 "Large volume/low weight"

Labelite is a low density polyurethane foam. It is worked manually using traditional tools or else by machine. Labelite is used to develop, in the mass, large volume models without bonding or assembly. It has a uniform cell and does not plush and is resistant to marks. It is bonded with F31 or F18.

Ref.: Z 35256 - 2250 x 1000 x 50 mm

Ref.: Z 35258 - 2250 x 1000 x 200 mm



ADEKIT A 130

Quick curing cartridge bi-component epoxy adhesive, designed for maintaining and adhering PU foams and polystyrenes.

Ref.: 00589 - Box of 12 x 50 cc cartridges

ADEKIT A 310

Cartridge structural methacrylate adhesive designed for the adhering and assembly of plastics, composites and metallic materials.

Ref.: Z 35270 - Box of 12 x 50 cc cartridges



Easymax "Really polyvalent"

Easymax is a bi-component polyurethane repair paste that advantageously replaces polyester repair paste for preparation and finishing of all volumes on all types of support without damage (including polystyrene). It can be applied on site (temperature range from 5 to 60°C), and can be modelled for a few minutes with sanding possible after 25 minutes. Easymax contains no solvent, does not give off any odour or heat and is machined without giving off dust. It is intended for smoothing, assembly, stopping, repair and filling without shrinkage and in full thickness operations. Its hardness is 57 Shore and it is available in three colors and two types of packaging.

Ref.: 06354 - 6 x (250 g + 250 g) beige

Ref.: 06352 - 6 x (250 g + 250 g) light brown

Ref.: 06349 - 6 x (250 g + 250 g) light grey

Ref.: 06360 - 12 x beige 400 cc cartridges

Ref.: 06358 - 12 x light brown 400 cc cartridges

Ref.: 06356 - 12 x light grey 400 cc cartridges

Ref.: 06366 - 12 x beige 50 cc cartridges

Ref.: 06364 - 12 x light brown 50 cc cartridges

Ref.: 06362 - 12 x light grey 50 cc cartridges

Mock-ups & scale models

Duplication molds



ESSIL 20

"Flexible casting"

ESSIL 20 is a fastcast polycondensation silicone. It is naturally degassed very easily and bends easily without tearing. It allows creation of soft molds for runs of about 50 with polyurethane resins with very easy demolding of the parts. It is also compatible for casting of common materials such as resins, plasters and waxes.

Ref.: 00040 - Box of 6 x (1 kg + 50 g)

Ref.: 00042 - Tubs of (20 kg + 1 kg)



ESSIL 291

"The technical soft mold"

ESSIL 291 is a high performance transparent polyaddition silicone. It is compatible with all types of resins and has good ageing resistance. It is mainly recommended for developing optical quality transparent parts in particular with the PX 521 HT or with epoxy resins. Its hardness is 40 shore A and accelerated hardening is possible in an oven.

Ref.: 06179 - Cans of (10 kg + 1 kg)

Ref.: 06103 - Cans of (20 kg + 2 kg)



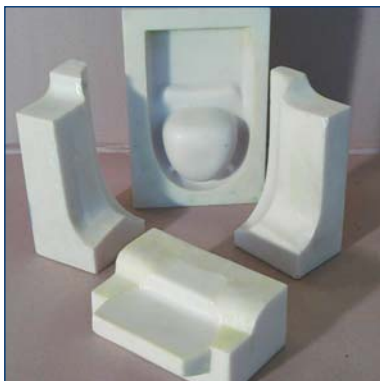
EPO 4040

"Easy vacuum forming"

EPO 4040 is an aluminium filled epoxy resin destined essentially for developing vacuum forming tools. Its ease of use by casting makes normal plastic vacuum forming available to all, with a high reproduction quality for maximum durability. It is used as is or refilled according to the type of tool. Its pot life is 2 ½ hours and the tool is operational after 36 hours. Its color is grey.

Ref.: 04722 - Cans of (5 kg + 0,3 kg)

Ref.: 04729 - Cans of (10 kg + 0,6 kg)



F 23

"Quality and speed"

F23 is a ready-to-use pre-filled polyurethane resin. This resin is used for making rigid molds on simple shapes without undercut. Its main characteristic for mock-up and model applications lies in the speed it works and a demolding time of 30 to 45 minutes. With a high surface quality, it is white in color and can be sanded and polished. It is used to obtain a high definition mold for producing smooth and high gloss parts.

Ref.: 03453 - Box of 6 x (200 g + 1 kg)

Ref.: 04087 - Cans of (1 kg + 5 kg)

Auxiliary products

FLASH V12 RZ 30150

Quick curing cyanoacrylate adhesive
Soft mineral filler that can be sanded for F18

RZ 209/6 RZ 1021

Aluminium powder
Non spherical aluminium pellets for EPO 4040

870 Modelling paste Color kit

Grease release agent (without silicone)
Multi-purpose modelling paste
Coloring agents for PU:
white, black, blue, yellow, red, green

Spray gun

Manual bi-component spray gun for 50 cc cartridges

Ref.: Z35176 - 12 x 20 g flacons
Ref.: Z 30513 - Cans of 5 kg
Ref.: Z 35289 - Bags of 15 kg
Ref.: Z 35296 - Cans of 5 kg
Ref.: Z 35297 - Cans of 25 kg

Ref.: Z 30731 - 6 x 400 ml aerosol
Ref.: Z 35062 - 6 bars of 350 g
Ref.: 04541 - Kit with 6 coloring agents

Ref.: Z 30311 - Manual spray gun 50 cc

Development of parts



F 18

"Comfort of use"

F18 is a bi-component polyurethane resin used without filler (up to 10 mm thickness). It offers sufficient time for correcting any imperfections in use (lack of product, mold sealing, casting homogeneity, etc.). Its pot life is 5 minutes.

Ref.: 05251K - Boxes of 6 x (0,9 kg + 0,9 kg)

Ref.: 05254 - Cans of (4,5 kg + 4,5 kg)

Ref.: 05296 - Cans of (18 kg + 18 kg)



F 31

"The sense of detail"

F31 is a ready-to-use unfilled polyurethane resin, quick hardening and intended for faithful reproduction and duplication of small size detailed models. Naturally degassing, it is very fluid during casting. Its pot life is 2 ½ minutes, it is demolded after 30 minutes and assumes its final characteristics after 24 hours. Beige in color, it can be painted very easily.

Ref.: 05391K - Boxes of 6 x (0,9 kg + 0,9 kg)

Ref.: 04560 - Cans of (20 kg + 20 kg)



TRANSLUX D 180

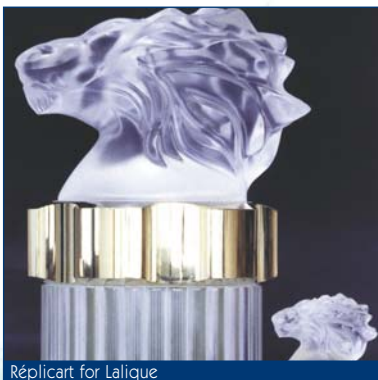
"Standard transparency"

This transparent epoxy resin is intended for the production of special high quality parts. D180 is easy-to-use with a pot life of several hours, favoring the evacuation of bubbles and any rework where necessary. However, this pot life can be shortened by using an accelerator supplied with D180. Compatible with all types of molds, the use of a vacuum bell jar is recommended for optimum transparency.

Ref.: 02842 - Box of 6 x (0,5 kg + 225 g)

+ 0,09 kg

Ref.: 06154 - Cans of (5 kg + 2,25 kg)



Réplicart for Lalique

PX 521 HT

"Plastic crystal"

PX 521 HT is a high quality transparent polyurethane resin. Its optical qualities are similar to those of PMMA and its mechanical qualities are such that it has excellent hardness and good resistance to UV. It can also be polished and colored. Using this product involves the use of a vacuum bell jar and an oven. Its pot life is 20 minutes. It can be demolded after 1 to 3 hours depending on the temperature of the mold. ESSIL 291 is recommended.

Ref.: 05977K - Boxes of 6 x (1 kg + 550 g)

Ref.: 06431 - Cans of (5 kg + 2,75 kg)



UR 3450

"Rubber aspect"

UR 3450 is a polyurethane elastomer with a hardness of 70 shore A, black in color and dedicated to the faithful reproduction of parts with a "rubber" appearance and texture, such as coverings, tyres on scale models, inserts, handles, etc. Easy-to-use, it is gravity cast in a rigid or soft mold. This product acquires all its characteristics at ambient temperature after 48 hours. It is tear resistant.

Ref.: 04942 - Cans of 6 x (1 kg + 350 g)



UR 5835

"Elasticity and flexibility"

This polyurethane elastomer, with a hardness of 35 shore A is used to make very flexible parts or elements such as shock absorbing parts, piping, bellows, flexible coatings, anti skid surfaces, etc. UR 5835 can be colored at will and has good mechanical properties. Its main characteristic lies in its ease of use in all types of molds thanks to its very low viscosity.

Ref.: 05604 - Box of 6 x (107 g + 1 kg)

Decorative promotional objects

Molds and tooling



ESSIL 20

"Long life and easy to use"

ESSIL 20 is a high elongation at break polycondensation silicone. It is compatible for casting of normal materials such as resins and metals with low melting points (costume jewellery for example). This silicone is especially recommended for its mechanical resistance and long life. It is the ideal product for small and medium production runs of small size decorative objects. In addition, it is easily demolded.

Ref.: 00040 - Box of 6 x (1 kg + 50 g)

Ref.: 00042 - Cans of (20 kg + 1 kg)



ESSIL 113

"Demolding without constraints"

Essil 113 is a highly flexible polycondensation silicone (13 shore A), destined to facilitate the demolding of detailed parts. Essil 113 is economical to use and should be selected when compliance with size constraints is not prominent.

Ref.: 05622 - Cans of (5 kg + 250 g)

Ref.: 05619 - Cans of (20 kg + 1 kg)



ESSIL 291

"The technical soft mold"

ESSIL 291 is a high performance polyaddition silicone used mainly for transparent parts, especially with PX 521 HT. The main interest of this silicone lies in an extremely precise and high quality surface aspect. Its hardness is 40 shore A. It is recommended to degas this silicone with a vacuum bell jar.

Ref.: 06179 - Cans of (10 kg + 1 kg)

Ref.: 06103 - Cans of (20 kg + 2 kg)



EPO 5019 NR

"Precision and shock resistant"

EPO 5019 is a ready-to-use heavily filled epoxy resin, intended for rigid and lasting tools and models. It is extremely resistant to abrasion and compression and enables the use of a tool by fastcast on the model as well as stamping and pressing tools (leather, embossed carton, etc.) or reproduction tools and copying model.

Ref.: 00641 - Box of 6 x (1,5 kg + 150 g)

Ref.: 00642 - Cans of (15 kg + 1,5 kg)

These 14 main products and 6 auxiliary products are mainly used for small and medium sized decorative parts such as trophies, medals, costume jewellery, corporate gifts, advertising and promotional articles, exhibition objects, parts tooling.

Development of opaque parts



F 1

"Ready-to-use"

F1 is a ready-to-use, filled polyurethane resin, especially recommended for simple parts not requiring a high degree of finishing or subsequent rework, such as bases, seats, pre-forms, etc. It is naturally degassing, its pot life is 5 minutes and it can be demolded after 45 minutes (depending on the thickness). It assumes its final characteristics after 24 hours and is black, ivory or green in color.

- Ref.: 00676K - Boxes of 6 x (0,75 kg + 0,75 kg)
- Ref.: 00677K - Boxes of 6 x (0,75 kg + 0,75 kg)
- Ref.: 00675K - Boxes of 6 x (0,75 kg + 0,75 kg)



F 18

"Personalise at will"

The exclusive formulation of this polyurethane resin allows the addition of all types of filler (mineral or metallic) to obtain different aspects, weights and volumes. For example, it is possible to create objects that imitate bronze, aluminium, etc. with the appropriate fillers. Very easy to use, it is stable and durable. Its pot life time is 5 minutes and the demolding time varies according to the filler ratio.

- Ref.: 05251K - Boxes of 6 x (0,9 kg + 0,9 kg)
- Ref.: 05254 - Cans of (4, 5 kg + 4, 5 kg)
- Ref.: 05296 - Cans of (18 kg + 18 kg)



F 23

"Surface Appearance Above All"

F23 is a filled polyurethane resin, the essential characteristics of which are the obtaining of different high finish surfaces states with the use of all types of coloring agents. The surface appearance obtained stands out through its high finish and brightness. Furthermore, the density of this resin gives a mass effect to the finished product. Its pot life is 5 minutes and it can be demolded after 45 minutes. Its color is white.

- Ref.: 03453 - Box of 6 x (200 g + 1 kg)
- Ref.: 04087 - Cans of (1 kg + 5 kg)



F 31

"Very fast demolding"

F31 is a ready-to-use, fast hardening unfilled polyurethane resin, for parts production runs. High finish is possible: painting, electroplating. Easy to mix (1:1), it is naturally degassed and fluid during casting. Its pot life is 2 minutes and it can be demolded after 30 minutes. It assumes its final characteristics after 24 hours. Beige in color, it has good temperature definition (100°C).

- Ref.: 05391K - Boxes of 6 x (0,9 kg + 0,9 kg)
- Ref.: 04560 - Cans of (20 kg + 20 kg)

Auxiliary products

A77 P

Polyester repair paste low density

- Ref.: 00066 - Box of 6 x (500 g + 30 g)

RZ 30150

Soft mineral filler that can be sanded for F18

- Ref.: Z 30513 - Cans of 5 kg

RZ 209/6

Aluminium powder for F18 (aspect searching)

- Ref.: Z 35289 - Bags of 15 kg
- Ref.: Z 35296 - Cans of 5 kg

870

Grease release agent (without silicone)

- Ref.: Z 30731 - 6 x 400 ml aerosol

Modelling paste
Color kit

Multi-purpose modelling paste
Coloring agents for PU: white, black, blue, yellow, red, green

- Ref.: Z 35062 - 6 bars of 350 g
- Ref.: 04541 - Kit with 6 coloring agents

Decorative & promotional objects

Development of transparent parts



PX 521 HT

"Crystal-clear"

PX 521 HT is a high quality and very resistant transparent polyurethane resin. It hardens quickly depending on the thickness of the cast (up to 80 mm) with an already heated mold, either by fastcast or by centrifuging. It is used with a soft mold in polyaddition silicone (ESSIL 291 recommended). Resistant to UV, it can be polished and colored. Its pot life is 20 minutes and can be demolded after 1 to 3 hours depending on the temperature of the mold.

Ref.: 05977K - Boxes of 6 x (1 kg + 550 g)

Ref.: 06431 - Cans of (5 kg + 2,75 kg)



Replicart pour Van Cleef & Arpels

TRANSLUX D 180

"Transparency and durability"

This transparent epoxy resin, with a long pot life, is destined for small production runs of parts with a maximum thickness of 40 mm. D 180 is easy to use and has a pot life of several hours favoring the evacuation of bubbles. However, this pot life can be shortened by using an accelerator supplied with D180 (refer to the technical sheets for the percentages). It is compatible with all types of molds.

Ref.: 02842 - Box of 6 x (0,5 kg + 225 g)

+ 9 gr

Ref.: 06154 - Cans of (5 kg + 2,25 kg)



TRANSLUX D 150

"Liquid illusion"

This resin perfectly imitates water in decorative compositions such as floral decorations in all types of containers (glass, Plexiglas, etc.). D 150 is extremely easy to use and requires no special equipment. Its mixing ratio is 1 for 1 volume. It is naturally degassing and has a curing time of 6 hours.

Ref.: 06232 - Box of 6 x (1,05kg + 0,95 kg)

Ref.: 06229 - Cans of (5,26 kg + 4,74 kg)

Development of flexible parts



UR 5825

"Very low hardness"

The polyurethane elastomer 5825 has a hardness of 25 shore A and very low viscosity. This level of hardness, combined with a significantly high elongation at break is used for largely ductile parts or as coating on existing decorative parts (anti-skid for example). Beige in color, UR 5825 can be painted very easily. It is compatible with all types of molds. The characteristics of this product also enable it to be used as a soft mold for decorative objects in wax.

Ref.: 05601 - Box of 6 x (87 g + 1 kg)

Ref.: 05599 - Cans of (2 kg + 25 kg)



UR 5835

"The compromise"

This PU elastomer has a hardness of 35 shore A and is a compromise in hardness between the 5825 and 5850. It is identical in color.

Ref.: 05604 - Box of 6 x (107 g + 1 kg)



UR 5850

"Both flexible and resistant"

The UR 5850 has a hardness of 50 shore A. It is characterized by a low viscosity and a significantly high elongation at break. Naturally degassing, easy to cast, it is used for very homogeneous flexible parts that are either thin or thick. It can, for example, be used as an object part or protection shell. It can be colored at will and is compatible with all types of molds.

Ref.: 05595 - Box of 6 x (150 g + 1 kg)

Ref.: 05593 - Cans of (2 kg + 14,3 kg)

Interior decoration & Design

This selection of 14 main products and 7 auxiliary products corresponds to applications in the interior decoration and design fields. These products allow for the creation of new shapes and imitation of existing materials in the domain of plasters, stuccos, furnishings and ornamental design.

Creating the original



SC 258

"Studying shapes"

SC 258 is a ready-to-use, low density bi-component epoxy paste. Its texture and flexibility in use allows for the creation of complex volumes from simple structures (slab, metal, plastics). Easy to model after

mixing and reworkable after hardening, it is compatible with all types of paints, primers, etc.

Ref.: 05491 - Cans of (5 kg + 5 kg)

Ref.: 05270 - Cans of (10 kg + 10 kg)

Prolab 45

"Versatile design"

Prolab 45 is a non porous 0.45 density structure polyurethane slab used for prototypes, mock-ups, supports, bases, seats, struts, etc. It can also be worked and carved manually or by machine (it can be drilled, threaded or cut easily). It is assembled with cyanoacrylate or bi-component epoxy. This slab can be assembled with PU EASYMAX repair paste.



Ref.: 06913 - 1550 x 500 x 50 mm salmon

Ref.: 06914 - 1550 x 500 x 75 mm salmon

Ref.: 06915 - 1550 x 500 x 100 mm salmon

Molds and tooling



ESSIL 20

"Practical and adapted"

ESSIL 20 is a polycondensation silicone that is water resistant, used mainly for all sizes of thimble molds. It is applied by brush on all types of complex surfaces, even vertical, with thixotropic TSA. It is totally compatible with all types of minerals (plasters, synthetic plasters, etc.). Its hardness is 20 shore A.

Ref.: 00040 - Box of 6 x (1kg + 50 g)

Ref.: 00042 - Cans of (20 kg + 1 kg)

Ref.: Z 35208 - Thixotropic TSA



UR 5825

"Very low hardness"

The PU elastomer UR 5825 is an alternative to the use of silicone for producing accurate and resistant soft molds. The polyurethanes technology is used to obtain a higher mechanical resistance, for an equivalent flexibility. It is applied by open fastcast and is economical to use. It has high elongation at break and its hardness is 25 shore A.

Ref.: 05601 - Box of 6 x (87 g + 1 kg)

Ref.: 05599 - Cans of (2 kg + 25 kg)



ESSIL 120

"Resistance and versatility"

ESSIL 120 is a polycondensation silicone to be used by fast casting after mixing with its catalyst. Its main characteristics are extreme flexibility and 20 shore A hardness. In addition ESSIL 120 is naturally degassing and self-demolding. Its low viscosity allows very accurate print taking. Very high elongation at break means complex shapes can be demolded.

Ref.: 05075 - Box of 6 x (1 kg + 50 g)

Ref.: 05072 - Cans of (5 kg + 250 g)

Ref.: 05069 - Cans of (20 kg + 1 kg)

Interior decoration & design

Stucco/plaster parts



F 18

**"Alternative to plaster:
with finesse!"**

F18 is a ready-to-use, unfilled PU resin, with an appearance similar to thermoplastic, but extremely resistant, for detailed parts with a thickness between 2 and 10 mm (5/64"- 3/8"). Its pot life is 5 minutes. It can be demolded after 45 minutes.

Ref.: 05251K - Boxes of 6 x (0,9 kg + 0,9 kg)

Ref.: 05254 - Cans of (4,5 kg + 4,5 kg)

Ref.: 05296 - Cans of (18 kg + 18 kg)



F 23

"Alternative to plaster"

F23 is a filled polyurethane resin mainly used to obtain a surface texture and appearance, as well as a color, similar to that of a plaster. It obviously has a higher mechanical resistance and demolds more easily after a shorter time. F23 is more adapted to parts with a thickness greater than 10 mm and it can be reworked with normal tools. Its pot life is 5 minutes. It can be demolded after 45 minutes.

Ref.: 03453 - Box of 6 x (200 g + 1 kg)

Ref.: 04087 - Cans of (1 kg + 5 kg)

Soft parts



UR 3460

**"For protection
accessories"**

UR 3460 is a PU elastomer with a hardness of 83 shore A. Black in color, it is used for its high mechanical and chemical resistance, as well as for its rubber texture and appearance. In particular it is used for easy production of wear parts such as furniture feet, stop blocks, struts, protection corners, etc.

Ref.: 04975 - Boxes of 6 x (1 kg+ 0,4 kg)

Ref.: 04978 - Cans of (20 kg + 8 kg)



UR 5835

"Texture And flexibility"

UR 5825 is a PU elastomer with a hardness of 35 shore A used in coatings or flexible duplicate molds or mounted elements, such as anti-skid surfaces, or for design and tactile effects. UR 5835 can be colored at will and has good mechanical properties.

Ref.: 5604 - Box of 6 x (107 g + 1 kg)



ESSIL 291

"Reliability And flexibility"

ESSIL 291 is a high performance polyaddition silicone. It is used to obtain transparent and very flexible (hardness 40 shore A) decorative parts or elements, by fastcast in all types of rigid molds. It can be tinted at will and has good mechanical, thermal and chemical resistance. ESSIL 291 can therefore be used for elements in lampshades, vases, various supports, switch covers, transparent protections, etc. To be degassed manually according to the result required.

Ref.: 06179 - Cans of (20 kg + 2 kg)

Ref.: 06103 - Cans of (10 kg + 1 kg)

Opaque parts



F 18

"Contract reproduction"

F18 is a ready-to-use, unfilled PU resin, for decorative parts production. The main interest of F18 lies in its capacity to incorporate all types of fillers to obtain reproductions of wooden and metal appearance parts, etc. For example: curtain stops, blazons, imitation paneling, with no limit to volume or size.

Ref.: 05251K - Boxes of 6 x (0,9 Kg + 0,9 kg)

Ref.: 05254 - Cans of (4,5 kg + 4,5 kg)

Ref.: 05296 - Cans of (18 kg + 18 kg)



F 31

"Faithful reproduction"

F31 is a ready-to-use unfilled polyurethane resin, quick hardening and intended for faithful reproduction and duplication of complex shape framing elements. F31 is fully compatible with ESSIL 20 soft toolings. Its pot life is 2 minutes. It can be demolded after 30 minutes and assumes its final characteristics after 24 hours. Its color is beige.

Ref.: 05391 - Box of 6 x (0,9 kg + 0,9 kg)

Ref.: 04560 - Cans of (20 kg + 20 kg)



RSF 816

"Top of the range glazing"

RSF 816 is a low viscosity epoxy resin, much sought after for its high transparency qualities, good resistance to UV and high bonding and mechanical resistance characteristics (durability, resistance to impacts, etc.). Easily applied by brush, it gives a shine and brightness to the colors over and above that of a normal varnish. Its pot life of 30 minutes can be shortened to 5 minutes with the use of an accelerator (not supplied with the kit - to be ordered separately).

Ref.: 05527 - Box of 6 x (1 kg + 0,4 kg)

Ref.: 05530 - Cans of (3,5 kg + 1,4 kg)

Transparent parts



PX 521 HT

"Crystalline"

PX 521 HT is a high quality polyurethane resin for creating transparent decorative parts. Very resistant to UV, it can be polished and colored for an impeccable finish. Using this product involves the use of a vacuum bell jar and an oven. Its pot life is 20 minutes. PX 521 HT can be demolded after 1 to 3 hours depending on the temperature of the mold. ESSIL 291 is the silicone recommended for soft molds.

Ref.: 05977K - Boxes of 6 x (1 kg + 550 g)

Auxiliary products

RZ 30150

Soft mineral filler that can be sanded for F18

Ref.: Z 30513 - Tubs of 5 kg

RZ 209/6

Aluminium powder

Ref.: Z 35289 - Bags of 15 kg

ADEKIT A 135

Quick hardening epoxy adhesive

Ref.: Z 35296 - Cans of 5 kg

FLASH V12

Quick curing cyanoacrylate adhesive

Ref.: 03907 - 12 x 20 g bottles

Accelerator

EPOLALM 2020 for RSF 816

Ref.: Z 35176 - 12 x 20 g bottles

EASYMAX

Light grey polyurethane repair paste

Ref.: 04783 - Can of 1 kg

EASYMAX

Brown polyurethane repair paste

Ref.: 06354 - 6 x (0,25 kg + 0,25 kg)

Ref.: 06352 - 6 x (0,25 kg + 0,25 kg)

Stage decoration & accessories

Creating decors, elements and structures



LABELITE 180

"Customized shapes"

Labelite 180 is a closed cell honeycomb structure 80 kg/dm³ polyurethane foam block that can be cut and sculpted easily by hand. Labelite 180 is an insulating material, resistant to chemical and biological agents and can be used for any sculpted or structure element on public sites (exhibitions, stages), as well as laminating support.

Ref.: 06863 - 2500 x 1000 x 300 mm



EPOPAST 400

"Strong Assembly"

EPOPAST 400 is a combination of epoxy resins strengthened with micro glass fibers and intended for decor element assembly, regardless of the support (metal, wood, etc.). It is worked manually and comes ready-to-use and has a high plasticity. Its working time is 1.5 hours. It is compatible with all types of finishes (manual machining, sanding and painting).

Ref.: 06011 - Cans of (10 kg + 1,4 kg)



SC 258

"The final touch"

SC 258 is a low density bi-component epoxy paste, ready-to-use and intended for the creation and production of mounted and ornamental shapes on existing elements. It can be worked by hand easily for an hour in all conditions. It is compatible with all types of finishes (sanding and painting).

Réf. : 05491 - Cans of 5 kg

Réf. : 05270 - Cans of 10 kg

Auxiliary products

EASYMAX
EASYMAX
FLASH V12
ADEKIT A 252
ADEKIT A 135
Color kit

870
Wax 827

Manual spray
gun

Beige polyurethane repair paste
Light grey polyurethane repair paste
Quick curing cyanoacrylate adhesive
Multi application soft adhesive
Quick hardening epoxy adhesive
Coloring agents for PU:
white, black, blue, yellow, red, green
Grease release agent (without silicone)
Wax that can be polished in paste
form for composites
bi-component for 400 cc cartridges

Ref.: 06354 - 6 x (0,25 kg + 0,25 kg)

Ref.: 06356 - 12 x 400 cc cartridges

Ref.: Z 35176 - 12 x 20 g flacons

Ref.: 05862 - 12 x 400 cc cartridges

Ref.: 03907 - 12 x 50 cc cartridges

Ref.: 04541 - Kit of 6 colorants

Ref.: Z 30731 - 6 x 400 ml aerosol

Ref.: Z 35212 - Small can of 1 kg

Ref.: Z 35104 - Manual 400 cc spray gun

This chapter contains 10 main products and 7 auxiliary products selected for producing stage, studio, film set decors, accessories and objects that need to imitate and reproduce originals in a very simple manner.

Creating accessories for special effects



EPOLAM 2015

"Versatile laminating"

EPOLAM 2015 is an epoxy resin with low viscosity. It can be combined with four hardeners allowing impregnations of variable lengths. It is used to create functional imitation parts or elements, in other words which are rigid, durable, shock resistant, etc. It is applied easily with a brush.

Ref.: 05700 - 2015/2015: 5 kg + 1,6 kg (2 h 30)

Ref.: 05416 - 2015/2015: 20 kg + 6,4 kg (2 h 30)

Ref.: 05705 - 2015/2014: 5 kg + 1,6 kg (1 h)

Other packaging, please inquire.



UR 3490

"Unbreakable semi-rigid"

UR 3490 is a PU elastomer with a hardness of 70 shore D, a thermoplastic aspect and very high resistance to wear and shocks. It is used in particular for producing solid imitation parts that can be used in situ, such as reproductions of arms for example. Light beige in color, it is easily painted and can be metallized.

Ref.: 06197 - Box of 6 x (0,1 kg + 0,5 kg)

Ref.: 06172 - Cans of (5 kg + 2,5 kg)



UR 3558

"Flexible and resistant"

This product is destined for the same applications as the UR 3490 (simulations and imitations) when greater flexibility and "deformability" are required (40 shore D). Amber color and translucent, it can be painted and tinted.

Ref.: 05246 - Box of 6 x (1 kg + 420 g)

Ref.: 05239 - Cans of (20 kg + 8,4 kg)



UR 5825

"Aspect and movement"

UR 5825 is a PU elastomer with a hardness of 25 shore that can be used to imitate the aspect of skin and the gestural dynamic behavior of puppets and elements of the human body. It is worked in thin layers using a brush (coating) and should be employed with thixotropic THA. Light beige in color, it can be colored at will. It can also be used as a soft mold.

Ref.: 05601 - Box of 6 x (87 g + 1 kg)

Ref.: 05599 - Cans of (2 kg + 25 kg)



UR 5835

"For imitations that can be used"

UR 5835 is a PU elastomer with a hardness of 35 shore, destined for the simulation of any type of flexible object that needs to be used and handled in complete safety, such as fire arms, bludgeons, crockery, etc. It can be fastcast, duplicated molded or used as a brush applied coating. UR 5835 can be colored at will and has good mechanical properties. It can also be used as a soft mold.

Ref.: 05604 - Box of 6 x (107 g + 1 kg)

Ref.: 05608 - Cans of (2 kg + 20 kg)



VARAFORM

"Unlimited creation"

Varaform is a thermoplastic fabric that can be modelled at will, ready-to-use, needing no special tools (scissors or cutter, and immersion in hot water), and used to create decorative parts or structures whether or not from existing models. Extremely light, it is non toxic and biodegradable. It is used to create decor or costume accessories. Available in rolls (10 x 1.2 m) (32 x 4 ft), please inquire.

Ref.: Z 35325 - 900 g/m² 4 s. de 45 x 60 cm

Ref.: Z 35323 - 700 g/m² 4 s. de 45 x 60 cm

Ref.: Z 35320 - 300 g/m² 4 s. de 45 x 60 cm

Renovation & restoration

For wood



EASYMAX

"Polyurethane wood paste"

Easymax is a bi-component polyurethane repair paste used for high finish restoring operations on all types of wood (and other materials) to fill cracks and missing parts without any shrinkage. It can be sanded after 20 minutes and painted, primed or varnished (preliminary tests recommended). It adheres very well and comes in a convenient package. Its hardness is 57 Shore D and its density is 0.68. It can be used for fast taking of small prints.

- Ref.: 06360 - 12 x beige 400 cc cartridges
- Ref.: 06358 - 12 x light brown 400 cc cartridges
- Ref.: 06356 - 12 x light grey 400 cc cartridges
- Ref.: 06366 - 12 x beige 50 cc cartridges
- Ref.: 06364 - 12 x light brown 50 cc cartridges
- Ref.: 06362 - 12 x light grey 50 cc cartridges
- Ref.: 06354 - 6 x (250 g + 250 g) beige
- Ref.: 06352 - 6 x (250 g + 250 g) light brown
- Ref.: 06349 - 6 x (250 g + 250 g) light grey



SC 258

"Epoxy wood paste"

SC 258 is a low density bi-component epoxy paste. Its texture and utilisation flexibility mean it can be used for high quality repairs of all sizes on all types of wood, old or new, such as the restoring of bas reliefs, paneling or statues, etc. SC 258 can have the same surface treatment (wax, varnish, etc.), coloring or patina as wood. In addition, the qualities of SC 258, due to its epoxy chemistry, produce a solid and lasting repair.

- Ref.: 05491 - Cans of (5 kg + 5 kg)
- Ref.: 05270 - Cans of (10 kg + 10 kg)



EPOLAM 2015

"Core impregnation"

Epolam 2015 is a low viscosity resin that can be combined with several hardeners, allowing impregnations of variable duration. It can be applied by brush, dipping and in a vacuum, etc. It is used to strengthen the cohesion, rigidity and resistance of old degraded wood. It is not a curative treatment but rather a perpetuation of the parts or structures.

- Ref.: 05700 - 2015 / 2015: Cans of (5 kg + 1,6 kg) - 2 h 30
- Ref.: 05416 - 2015 / 2015: Cans of (20 kg + 6,4 kg) - 2 h 30
- Ref.: 05705 - 2015 / 2014: Cans of (5 kg + 1,6 kg) - 1 h



EPOLAM 5015

"Ultimate protection"

EPOLAM 6200 is a resin with very low viscosity. Its extreme fluidity offers a high quality of impregnation, usually in a vacuum, on all the parts to be treated. Its use is generally recommended on fragile, valuable, finely worked, etc. woods requiring irreversible structural consolidation.

- Ref.: 06878 - Cans of 20 kg (resin)
- Ref.: 06882 - Cans of 6 kg (hardener)

Auxiliary products

RZ 30150

Soft mineral filler that can be sanded

- Ref.: Z 30513 - Cans of 5 kg

RZ 30273

Fast epoxy hardener for wet environments

- Ref.: Z 35289 - Bag of 15 kg
- Ref.: Z 30678 - Hardener - 1,2 kg

ADEKIT A 252

Multi application soft adhesive

- Ref.: 05862 - 12 x 400 cc cartridges

ADEKIT A 135

Quick hardening epoxy adhesive

- Ref.: 03907 - 12 x 50 cc cartridges

Accelerator

For RSF 816

- Ref.: 04783 - Plastic jerry can of 1 kg

Manual spray gun

bi-component for 50 cc cartridge
bi-component for 400 cc cartridge

- Ref.: Z 30311 - Manual spray gun 50 cc

- Ref.: Z 35104 - Manual spray gun 400 cc

Adaptator

use of 50 cc cartridges
bi-component in an ordinary spray gun
single component

- Ref.: 06541 - Adaptator 50 cc

This chapter contains 9 main products selected for their ability to integrate perfectly in different types of materials with the aim of undertaking fast and top quality restoring or repairs projects.

For stone



EPO 95 + fillers

"Versatile repairs"

EPO 95 is a casting or laminating epoxy resin used with mineral fillers (sand, silica, aggregates, etc.) selected according to the support to be repaired (stoneware, granite, marble, etc.). In a repairing context, EPO 95 is used as epoxy bond (filler ratio to be adapted), with flexibility characteristics that can be used to overcome temperature variations and also with high bonding characteristics.

Ref.: 00109 - EPO 95/EPO 95 S: 5 kg + 1, 6 kg

Ref.: 00110 - EPO 95/EPO 95 S: 20 kg + 6,4 kg



EPO 95 + fabrics

"Slab stone reinforcement"

In the context of strengthening fragile structures, EPO 95 is a liquid resin which, combined with reinforcement fabrics, is used for very fast and reliable applications in difficult environments (stone slabs, paneling, various structures, etc.). Curing time: 40 minutes.

For glass



RSF 816

"Shine and brightness"

RSF 816 is a low viscosity epoxy resin with numerous advantages for repairing or restoring glass. RSF 816 is in particular selected for its high transparency qualities and good resistance to UV, as well as for its high bonding characteristics. It is applied by brush on the edge of the objects to be re-assembled, repaired or filled. RSF 816 has a pot life of 30 minutes, that can be reduced to 5 minutes by using an accelerator (contact us).

Ref.: 05527 - Box of 6 x (1 kg + 0,4 kg)

Ref.: 05530 - Cans of (3,5 kg + 1,4 kg)

In wet environments



EPO 95

"Fast in wet environments"

In the context of repairs in wet environments, EPO 95 is a liquid resin which, combined with a special hardener and reinforcement fabrics, is used for very fast and reliable repairs in difficult environments (repairs of hulls, masts, etc.).

Curing time: 20 minutes

Ref.: 01014 - Resin only in 20 kg

FASTIK 7 MN

"Effective and practical"

Fastik 7 MN is a pre-filled epoxy base repair paste for use in extremely wet environments for filling cavities, permanent or temporary cracks (accidental or not).

Ref.: 05657 - Box of 6 x (0,8 kg + 0,8 kg)

Ref.: 05654 - Cans of (10 kg + 10 kg)

Molds, negatives & print taking

Taking of prints on plaster



ESSIL 20
"Usable as is"

ESSIL 20 is a water resistant polycondensation silicone. There is no need to prepare the support, for example with a pore seal or demolding wax. It is applied by brush on all types of complex and/or vertical surfaces (with thixotropant TSA - see auxiliary products) or can be fastcast. It has high elongation at break, is naturally degassing and is compatible for casting of all types of normal materials. Its hardness is 20 shore A.

Ref.: 00040 - Box of 6 x (1 kg +50 g)

Ref.: 00042 - Cans of (20 kg + 1 kg)



ESSIL 113
"The complex mold"

ESSIL 113 is a water resistant polycondensation silicone. It is used to take prints on complex and detailed supports and, in particular, allows for easy demolding. Its grey color allows accurate viewing of the molding quality. Self-demolding, it is intended for fastcast only. It has a very high value for elongation. Its hardness is 13 shore A.

Ref.: 05622 - Cans of (5 kg + 0,25 kg)

Ref.: 05619 - Cans of (20 kg + 1 kg)



UR 5835
"Fast and effective"

This PU elastomer has a hardness of 35 shore A and is used for soft molds by fastcast or brush application in thin coats (with the addition of thixotropant THA 121), on a support first treated with pore seal 821. Highly resistant to tearing, it is also resistant to abrasions. With good dimensional stability, it has a very low viscosity (lower than that of a silicone) for under coat casting for example. Its color is beige.

Ref.: 05604 - Box of 6 x (107 g + 1 kg)

Ref.: 05608 - Cans of (2 kg + 20 kg)



UR 3435
"Stable and strong"

This PU elastomer has a hardness of 60 shore A and is a product recognised by ceramics and stucco model molding professionals. It is especially recommended for duplication in small production runs of parts in plaster or other minerals. Its low viscosity allows for easy fastcast. It can be sanded and has very good resistance to abrasion and hydrolysis. It is easy to use with a mix ratio of 1:1.

Ref.: 04788 - Cans of (5 kg + 5 kg)



EPOCAST 400
"Producing coats"

EPOCAST 400 is a combination of epoxy resins reinforced by chopped strand destined for the strengthening of all types of molds especially with complex shapes for silicones or PU elastomer. It is used manually and is ready-to-use and has a high plasticity. Its working time is 1 hour and a half.

Ref.: 06011 - Cans of (10 kg + 1,4 kg)



EPO 95 / 95 S

EPO 95 / 95 S is a versatile laminating epoxy resin, used to consolidate and rigidify soft and simple shape molds. This resin is intended to impregnate the tooling glass fibre fabrics. It is applied by brush and is extremely easy to use.

Ref.: 00109 - Cans of (5 kg + 1,6 kg)

Ref.: 00110 - Cans of (20 kg + 6,4 kg)

Casting is the most transversal of all operations in arts and decoration. This chapter contains a selection of 16 main products of different materials and 8 auxiliary products dedicated to print taking on a wide range of supports, from soft molds to rigid molds...

Taking of prints on stone



ESSIL 20

"Accurate and adapted"

ESSIL 20 (see general characteristics on the previous page) is used by fastcast on all minerals such as precast stone, concrete, etc. first placed in a support armature that will maintain the print taking geometry. The extreme flexibility of this silicone allows for accurate detail taking and ensures high quality demolding.

Ref.: 00040 - Box of (6 kg + 50 g)

Ref.: 00042 - Cans of (20 kg + 1 kg)



UR 5850

"For delicate work"

UR 5850, with a hardness of 50 shore A is as accurate as silicone thanks to its low viscosity. In addition, it facilitates the demolding operations through a significant elongation at break, higher than that of silicone. It does not stain the models and can in particular be used to mold complex decorative parts in concrete for example, with or without reinforcement armatures according to the geometry of the part.

Ref.: 05595 - Box of 6 x (150 g + 1 kg)

Ref.: 05593 - Cans of (2 kg + 14,3 kg)



UR 3435

"Fast on simple surfaces"

UR 3435 is a PU elastomer that is more rigid than a silicone, destined for print taking on flat surfaces with some relief, such as flagstones, well or fountain edges, etc. This rigidity is used to dispense with a holding structure. The model surfaces must first be treated with a release agent such as 851.

Ref.: 04788 - Cans of (5 kg + 5 kg)

Ref.: 04785 - Cans of (20 kg + 20 kg)



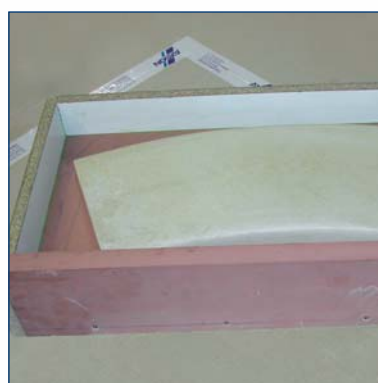
UR 3460

"Rigid and durable"

UR 3460 is a PU elastomer with a hardness of 83 shore A, black in color. The rigidity of this product means it is destined for self-supporting and very resistant molds. It is well suited to the reproduction of minerals of all sizes, simple surfaces, without relief and generally smooth for duplications in large runs. It is resistant to chemical attacks and is stable dimensionally and in time for mold archiving.

Ref.: 04975 - Box of 6 x (1 kg + 0,4 kg)

Ref.: 04978 - Cans of (20 kg + 8 kg)



UR 5860

"Economic and versatile"

UR 5860 is a PU elastomer specially formulated to make it resistant to most dismantling agents and other additives. Its reduced viscosity allows for a good quality of print taking and cold casting without shrinkage. UR 5860 can also be thixotrope and demolds easily.

Ref.: 05793 - Cans of (6 kg + 20 kg)



DEMOULANT 851

"Without silicone"

Demolding agent with a grease wax base specific to casting applications, the 851 is an excellent demolding agent for porous minerals such as plaster without prior preparation. It is applied by brush, preferably with 6 successive coats for an exceptional result preserving model integrity.

Ref.: 05979 - Small tub of 0,7 kg

Ref.: 05508 - Cans of 7 kg

Molds, negatives & print taking

Taking of prints on natural subjects



VARAFORM

"Fast and ready-to-use"

Varaform is a cotton fabric coated with a thermoplastic resin, used for print taking and jigs on all subjects (biocompatible). Easy to use by softening in hot water, it requires no specific equipment: a pair of scissors will do. Absolutely non toxic, it is perfect for print taking on live subjects for producing accessories or decor elements.

Ref.: Z 35321 - 300 g/m² 4 s. (0,45 x 0,60 m)

Ref.: Z 35322 - 700 g/m² 4 s. (0,45 x 0,60 m)

Ref.: Z 35325 - 900 g/m² 4 s. (0,45 x 0,60 m)



ESSIL 20

"Can be used in situ"

ESSIL 20 is a silicone elastomer (see properties, previous pages). Applicable with a brush in thin and successive coats, it can be used on fragile plants in their natural environment. It must be used with a thixotropic TSA (see auxiliary products).

Ref.: 00040 - Box of (6 kg + 0,05 kg)

Ref.: 00042 - Cans of (20 kg + 1 kg)

ESSIL 113

"The complex mold"

ESSIL 113 is used to take fastcast prints on plants with delicate surfaces. Essil 113 has a low hardness and great flexibility for producing self-supporting molds.

Ref.: 05622 - Cans of (5 kg + 0,25 kg)

Ref.: 05619 - Cans of (20 kg + 1 kg)

Taking of prints on wood

EASYMAX

"The wood texture repair paste"

EASYMAX is a fast curing polyurethane repair paste. Its characteristics make it an ideal product for repairing and reworking wooden models before molding. With excellent bonding and low density, the finish is done manually.

Ref.: 06360 - 12 x beige 400 cc cartridges

Ref.: 06358 - 12 x light brown 400 cc cartridges

Ref.: 06356 - 12 x light grey 400 cc cartridges

Ref.: 06366 - 12 x beige 50 cc cartridges

Ref.: 06364 - 12 x light brown 50 cc cartridges

Ref.: 06362 - 12 x light grey 50 cc cartridges

Ref.: 06354 - 6 x (250 g + 250 g) beige

Ref.: 06352 - 6 x (250 g + 250 g) light brown

Ref.: 06349 - 6 x (250 g + 250 g) light grey

ESSIL 20

"For delicate work"

ESSIL 20 (see general characteristics, previous page) is perfectly adapted to partial and complete print taking on all old wood surface types, in thin coats applied with a brush on vertical supports with the addition of thixotropic TSA.

Ref.: 00040 - Box of 6 x (1 kg + 50 g)

Ref.: 00042 - Cans of (20 kg + 1 kg)

ESSIL 113

"The quality of detail"

ESSIL 113 (see general characteristics, previous page) is used for complete print taking (boat mold for example) of wood parts with no deterioration.

Ref.: 05622 - Cans of (5 kg + 0,25 kg)

Ref.: 05619 - Cans of (20 kg + 1 kg)

Auxiliary products

Thixotropic TSA
Thixo. THA 121
Pore-sealant 821
RZ 30150

for Essil 20

for UR 5835

for plaster and wood

Soft mineral filler

that can be sanded for F18

Aluminium powder

Wax that can be polished

in paste form for composites

bi component for 50 cc cartridge

bi component for 400 cc cartridge

RZ 209/6
Wax 827

Manual spray gun
Manual spray gun

Ref.: Z 35208 - Cans of 0,5 kg

Ref.: 05770 - 0,5 kg

Ref.: 00438 - 0,85 kg

Ref.: Z 30513 - Cans of 5 kg

Ref.: Z 35289 - Bags of 15 kg

Ref.: Z 35296 - Cans of 5 kg

Ref.: Z 35212 - Small can of 1kg

Ref.: Z 30311 - Spray gun 50 cc

Ref.: Z 35104 - Spray gun 400 cc

Reinforcements

for large size molds:

EPOAST 400

or EPO 95/95S + fabrics

Taking of rigid prints



EPOAST 400

"Reinforce simply"

EPOAST 400 is a combination of epoxy resins reinforced with chopped strand, destined for taking medium and large size rigid prints. Its use is manual and is used behind the surface coat GC1 050. Its working time is 1½ hour.

Ref.: 06011 - Cans of (10 kg + 1,4 kg)

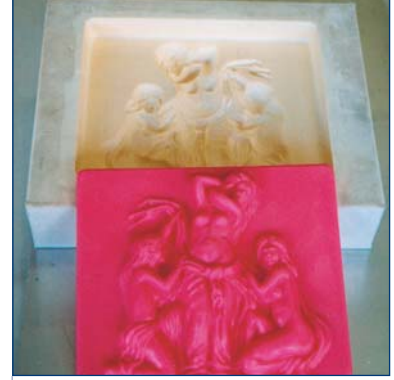


GC1 050

"Quality cover"

GC1 050 is a white color versatile surface coat destined for taking medium and large size rigid prints. Used with a brush in two coats, it is used as surface coat before applying EPOAST 400. It can be sanded and polished and the curing time before applying a second coat (on the first coat of approx. 0.7 mm) is 45 minutes.

Ref.: 06093 - Cans of (5 kg + 0,5 kg)



F 18

"The fast mold"

Bi-component polyurethane resin used with a filler (up to 100 mm thickness), F18 is compatible with several fillers (aluminium, carbonate, microballoons, etc.) according to the characteristics required. With a high surface quality, its pot life is 5 minutes.

Ref.: 05251K - Boxes of 6 x (0,9 kg + 0,9 kg)

Ref.: 05254 - Cans of (4,5 kg + 4,5 kg)

Ref.: 05296 - Cans of (18 kg + 18 kg)



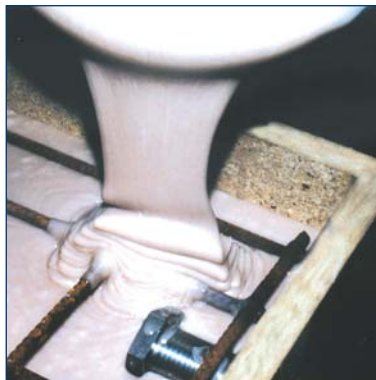
F 23

"Appearance and resistance"

F23 is a pre-filled PU resin, destined for producing rigid molds intended to be reworked, sanded or polished. It is suitable for shapes without undercut. Its fine final appearance is white, plaster type and with a high surface quality (glazed appearance possible). Its temperature resistance is 90°C and it is perfect for production runs.

Ref.: 03453 - Box of 6 x (1 kg + 0,2 kg)

Ref.: 04087 - Cans of (5kg + 1 kg)



F 50

"Mass casting"

Bi-component polyurethane resin to be used filled (up to 400 mm thickness!), F50 is characterised by a high dimensional stability (little shrinkage). Recommended for large volumes, its pot life is 40 minutes. The density of F50 filled is 14. It can be reworked manually or by machine. It is beige in color with filler 209/6 (thermal resistance and conductivity).

Ref.: 05779 - Cans of (5 kg + 10 kg)

Ref.: 05610 - Cans of (10 kg + 20 kg)

Technical specifications



Fastcast techniques

This chapter contains illustrated details of the casting processes with the resources and equipment and accessories required. This section also shows transformation, precautions for use and appropriate warnings starting with polyurethane resin followed by epoxy.

1) PREPARING UNFILLED POLYURETHANE RESINS:

For each PU resin used, filled or not filled, you must re-homogenize both resins for proper consistency (polyols-isocyanates). For unfilled resins, you can simply shake the container or tub, whereas for filled resins, we recommend that you use a mixing spatula for each part or a paint shaker.

It is important to comply with the portions indicated as close as possible to ensure better product stability once catalysed. In the case of unfilled resins with a 100:100 ratio and if you do not have a scale, you can measure the resin in

two similar transparent pots so the two parts are of the same height.

To weigh the resin, the best solution is to buy an electronic household scale accurate to one gram.



Volumetric feed in two pots

Important: Polyurethane and moisture

Polyurethane (PU) is highly sensitive to moisture. We recommend you close the pots after each use to avoid the resin coming into contact with any ambient moisture. In this case after mixing, the resin will foam slightly and the surface on contact with the mold will not be optimal (appearance of bubbles and distortions).

a) Mixing

For weighing and mixing, the best solution is to use polyethylene pots although you can use glass pots or plastic goblets.

Plastic, wooden spatulas: an economical and practical solution are throw-away Chinese chopsticks (can be purchased in packs of 100 pairs in appropriate stores) or tongue depressors.

In cases of large quantities of resin (> 3 kg) (> 6 lbs) it is better to use a paint mixer mounted on a drill set to slow speed.

The coloring must be prepared before the base/catalyser mix.

It is better to add the coloring to the base, but for intense coloring, the coloring should be added to both parts.

Do not exceed 3% of the total weight. The coloring of the PUs

can be done with special PU coloring agents as well as with universal colorings (as used for paint). In both cases, it is better to dilute a small quantity of the resin with the coloring agent and then incorporate the mix with the rest.

Once it has been properly mixed, the resin will contain air bubbles. Unfilled resins are degassed more easily. We do not recommend degassing using a vacuum pump due to a quick curing time (pot life of a few minutes).



Incorporating coloring agents

b) Preparing the molds

Depending on the type of mold (plaster, resin, PU elastomer, silicone elastomer), preparation and isolation will be necessary.

Resin mold: For the demolding, a demolding wax must be applied (special resin, micro-crystalline or failing this, furniture bee's wax will work). Apply at least 2 coats with a brush, leaving each coat to dry 15 minutes, then remove any surplus by polishing with a soft cloth. There are demolding waxes and agents available in an aerosol (they are more expensive, but also more practical).

Plaster mold: the mold must be perfectly dry as any moisture will make the resin foam. In the case of a damp mold, you can use a special damp walls protective varnish which will totally isolate the plaster by a water-tight film. In the case of a dry mold, seal the plaster pores using a gum lac (2 coats).

For the demolding, you must apply a demolding wax (cf. resin mold).



Waxing a PU mold



PU elastomer mold: despite its flexibility, the mold must be waxed like a resin mold.

especially if several runs are required - to protect it with a specific silicone mold spray.

Silicone elastomer: This is the only type of mold that is self-demolding. Silicone does not require a demolding agent, but because the PU resin is aggressive for the mold, we recommend -

Polyethylene molds: some kits on sale propose semi-soft molds in polyethylene; this plastic requires no demolding agent.

c) Gravity casting

In gravity casting, once the resin has been mixed, the mold is filled just by pouring. However, to avoid problems with bubbles, certain precautions need to be taken. It is better to pour in a small quantity of resin and ensure a coating over the entire mold before finishing the

casting. In the difficult parts and small cavities, use a thin rod to free up any trapped bubbles. As the time for use is fairly short, do this very quickly since the resin thickens up fast and degassing becomes harder.



Tinted PU resin gravity casting

d) Demolding

In the case of rigid molds, demolding may be tricky due to the rigidity of the two parts. If it is not possible to twist a rigid mold, it is possible to tap the edge of the mold, bring up the air between the mold and the part (air gun) or lever up with a blade or screwdriver (be careful not to damage the mold or the part). Using a soft mold facilitates considerably the

demolding. As a rule, you should wait for the recommended complete hardening before demolding, but for small parts that are difficult to demold, you can act sooner, the resin is slightly soft and comes out easier. In this case, be careful to put any badly shaped parts back in shape or, for flat parts, to lie them flat on a support. The resin will resume its shape as it hardens.



Demolding PU parts in a soft PU mold

e) Parts finishing

Trimming:

Once the parts have been produced, the mold seams and parting lines need to be reworked. The resin can be sanded with sandpaper and water or trimmed with a cutter blade or scalpel.

Retouching:

The part may have bubbles or defects; these can be retouched using polyester or polyurethane finishing pastes; if the part has not been catalysed for too long (4 hours), you can retouch using the same resin. If the resin is too old, the two parts will not bond.

Machining:

Filled resin (type F23) is intended to be machined or sanded; machining can be done with a lathe, mill or by hand using a firmer chisel, rifling file or other files, etching tools, etc.

Polishing:

Some filled resins (type F23) are intended to be polished; proceed with ever finer sandpaper up to the passage of the polisher (or where appropriate by hand with polishing pastes and elbow grease).

Painting:

All the resins can be painted, but the adherence will not be optimal. You should remove any grease marks and fine sand the surface before painting. Cellulosed, polyurethane or epoxy paint is the most resistant, but acrylic or glycerophthalic can also be used.



Manual finishing with a file



Raw-hide polishing of a bronze filled resin



Polishing a transparent resin

Technical specifications

2) PREPARING FILLED POLYURETHANE RESINS

Unfilled resins can be used pure since, due to their low viscosity, they are easier to pour into a very fine mold or one containing steep parts. They also have the advantage of being able to be filled by adding different types of powders.

Several types of fillers are available, but the two main groups are mineral and metallic.

2.1) Mineral fillers:

Each resin manufacturer markets specific mineral fillers used mainly to produce filled resins manually (type F1- F23). The advantages of this are multiple. There is a range of mineral fillers extending from ultra-fine powders to micronized shot, which enables the requirements to be adapted. Indeed, with an ultra-fine powder, you will basically reproduce F23 (can be sanded), while with the micronized shot, the resin will be lighter, more granular but much cheaper. It should be remembered that this system, which demands preparation, is especially used in cases of high resin consumption (cheaper to buy but requiring time).

a) Mixing

The recipients and tools are the same as for ready-to-use PU resin (see above).

For a correct filler mix, you must weigh both parts separately in two clean and dry pots. Once the resin has been weighed, it is preferable to put the powder in each part so that

In the mineral fillers range, you can use fine sand, provided you use plenty, to imitate pebbles, make interesting objects with mica, black volcanic sand and other sand colors.

2.2) Metallic fillers:

Adding metallic fillers (bronze, iron, aluminium, brass, copper, etc) is used to imitate these metals since the resin is used as metal binder.

Whatever the fillers, they must be absolutely dry as moisture will cause the resin to foam. They must be put through the oven at 100° for at least ½ hour.

The filler ratios depend on the type of filler and it's mass. In the case of aluminium, it is possible to add up to 200% of the resin weight while for bronze this figure is up to 70%. As a rule, for the metals, you need to add the powder until a thick liquid is obtained. Because of the weight of the metal, if the filler is not sufficient, the metal will be deposited at the bottom of the mold and will leave unfilled resin in the top parts.



Incorporating fillers in a polyurethane resin

b) Preparing the molds

Use the same preparation as for unfilled resin (see chapter 1b).

c) Gravity casting

Once the resin has been filled, it can be used for very thick parts, the exothermal reaction being less than for an unfilled resin.

You need to be vigilant in the case of a mold with details that are difficult to access as regards bubbles since the product will have difficulty in coating all the extremities. It is preferable to use a soft mold and do the coating beforehand.

For example, in the case of a bronze filler, the product must be

coated in the mold as quickly as possible after mixing since, because of the density of the bronze, moiré effect phenomena may appear (the bronze is settling in parts in the mold, resulting in color differences).



Casting a filled resin for a solid object

d) Demolding

The precautions regarding demolding are the same as in chapter 1d.

e) Parts finishing

For mineral fillers, the finishing is as for resins of type F1 or F23 (see above).

In the case of a sand filled resin, you will have a product that is very difficult to sand. Since the sand is very hard, you will have the impression you are working a pebble. Therefore, it is

preferable to avoid seam joins and above all in the case of flat bottom parts, you must "cover" the mold once the resin has been cast and is still liquid with a PVC plate (with release agent or with polyester or mylar film).



For metal filled resins, they will come out of the mold extremely dull. The parts therefore need to be polished to regain a metal shine. This polishing is done first with extra fine steel wool (fairly effective) and then with normal silverware polishing products. In the case of parting lines and seams, the sanding and subsequent

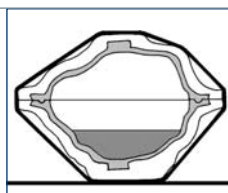
polishing will give a slight difference compared to the rest. Therefore, as far as possible it is preferable to avoid seam joins. Sanding is easier than on the sand filled resin, but nonetheless almost as hard as the corresponding metal. The part can be machined with the usual tools: files, rifling file, etching tools, etc.

3) MANUAL ROTATIONAL MOLDING

Rotational molding is a special transformation means for obtaining hollow parts by centrifuging when the size and volumes are suitable.



Filling the open mold



Closing the mold



Manual rotation



View of an actual mold

4) CASTING EPOXY RESINS

Three families of casting epoxy resins are used in the art and decoration context:

- Transparent resins for parts,
- Resins for special applications,
- Metal filled resins for temperature or compression resistance, mainly for tooling.

a) General observations

• **The mixing ratio** must be respected as far as possible and the mixing must be done very carefully to avoid any venule effects in the transparent resins or incorrect mixes in the other systems.

• **The working** is not fundamentally different from that for polyurethanes. The main difference lies in the longer pot life which allows users, even beginners, to handle them more easily. Epoxy resins are on the whole refractory to degassing in a vacuum bell jar, but are easily naturally degassed. A simple method is to let the mix stand before casting.

• **On demolding** epoxy resins tend to adhere strongly to all supports, therefore the choice of release agent

is important. Prefer a grease product to a classic polish wax. If in doubt, do a trial application: deposit a small amount of demolding agent and leave to dry for a few minutes.

After drying, run your finger over the surface; your finger should leave a trace in the demolding agent. This choice of grease demolding agent will avoid adhering to virtually all supports without any other surface preparation. On smooth surfaces, grease demolding agents will favor the state of the cast resin surface.

Comply with the casting thicknesses indicated in the technical documents to avoid too great a shrinkage or core yellowing.



Casting of a filled epoxy resin

a) Transparent epoxy resins

The aim is to obtain a crystal appearance for an inclusion, floral decoration or a translucent decorative part; very great care must be taken to ensure cleanliness during the working: mixing pots, spatulas, casting recipient or frame.

Transparent resins often have a third accelerator component that must be used very cautiously; indeed, a too fast reaction can result in yellowing of the cast resin during hardening. If in doubt, use the resin without the accelerator, the hardening will be longer but the result will be certain. After careful and complete mixing of the components, leave to stand

and pour slowly down the side to avoid including any bubbles.

Let it degas naturally, use a hair dryer to eliminate any surface bubbles that haven't burst. Do not put in an oven to speed up the hardening.

In the case of an inclusion or floral decoration, do a compatibility test first with the materials to be included. Some materials may react with the resin and create bubbles or parasite effects.

In most cases, transparent resins do not require thermal treatment after hardening.



Casting of a transparent resin for floral decoration

Technical specifications

c) Filled epoxy resins for tooling

Initially, carefully re-mix the resin part as the filler tends to accumulate at the bottom of the box, especially after lengthy storage.

Incorporate the hardener, mix carefully and thoroughly, leave to stand several minutes before casting.

To obtain a surface without bubbles, coat the surface of the mold with a thin layer of resin, leave to degas and then cast the rest of the volume. You can also use a fine brush to apply a thin coat which will capture all the details of the surface.

Leave to harden for at least 12 hours before demolding. For applications requiring thermal resistance, post-cure the resin at a temperature at least equal to the required resistance less 20°C (example: required resistance: 100°C, post-cure at 80°C).

The filled resins are easily sanded and polished, with sandpaper and water and with automobile type polishing paste; this is essential for transparent parts vacuum forming tools.

It is possible to drill and thread the resins to ensure resistant fixing provided the following rule is respected: the threading depth must be at least 3 times the diameter (example: M6 threading, minimum depth: 18 mm)

Casting by successive coats is recommended in the case of strong thicknesses; do not wait for the complete hardening between each coat to favor optimal adherence.

Another method for casting large volumes consists in adding filler. There is no theoretical limit to the quantity of filler apart from the viscosity of the mix. Prefer a filler with a high granulometry (0.5 to 2 mm) rather than a powder.



*Threading in a tool
in aluminium filled epoxy resin*

d) Epoxy resins for special applications

Epoxy resins are not very sensitive to humidity and this characteristic can be used for applications in a humid environment. Some epoxy pastes mixed with a special hardener are applied to repair underwater or partially submerged surfaces.

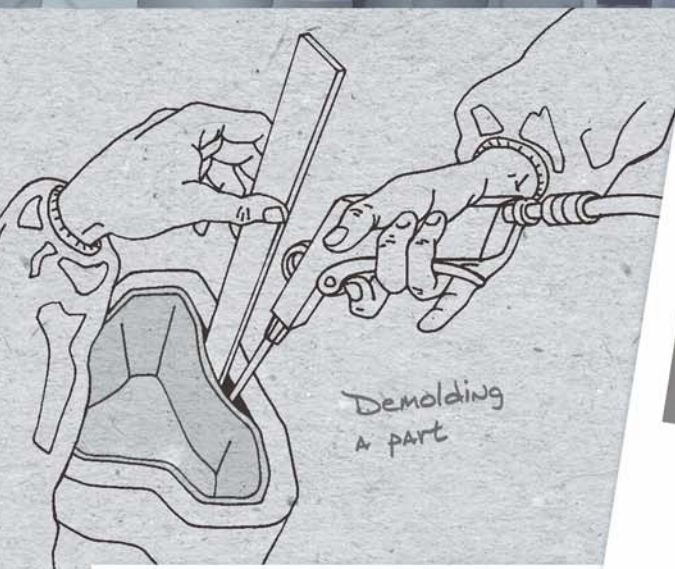
The application must take place out of the water but the fast

hardening means it is possible to act for example while the tide is out.

In this way, old wooden structures can be consolidated on site.



Quick setting on wet sites.



Demolding
a part



Preparing
for a floral decoration



Casting of Translux DISO



Preparing a resin
concrete: sand + PU



Taking fossil prints



Preparing a copying model
in filled modelling paste



Making a mold
in Essil silicone for parts
in epoxy resin PX 521 HT



EasyMax 50 cc cartridge
and its adapter
for 400 cc spray gun

What are the usual precautionary measures to be taken?

In common with all chemical specialities, comply with the following when handling epoxy and polyurethane resins:

- ▲ Avoid all skin contact with the products,
- ▲ Wear cotton gloves covered by sealed protective outer gloves,
- ▲ Do not scrub the skin when washing with a solvent or soap,
- ▲ Wear safety goggles, especially in cases where aliphatic amines are used,
- ▲ Wear a mask in cases where dust is produced,
- ▲ The workplace must be well ventilated,
- ▲ Consult the safety and security labels on the packaging as well as the information provided by the manufacturer,
- ▲ At the end of the shift, thoroughly wash your hands with soap and water without scrubbing,
- ▲ In the event of any problem, immediately consult the medical services.

All the technical and safety datasheets for the products in our catalogue can be downloaded from our Internet site at the following address:

www.axson.com

... click datasheets and then select the product in the search engine ...

Any technical questions?

Just ask our
technical specialists!



How to order

Our Epoxy or Polyurethane formulations are usually sold in the form of pre-measured kits (resin + hardener or polyol + isocyanate). The quantity of one of the constituents corresponds to the quantity required by the other constituent. In case of doubt, refer to the mixing ratio indicated in the technical datasheets for our products.

Some additional or auxiliary products, such as fillers, accelerators or coloring agents, are sold separately. Information regarding the addition levels is provided in the technical datasheets. For a given product, there is a packaging that is adapted to your requirements.

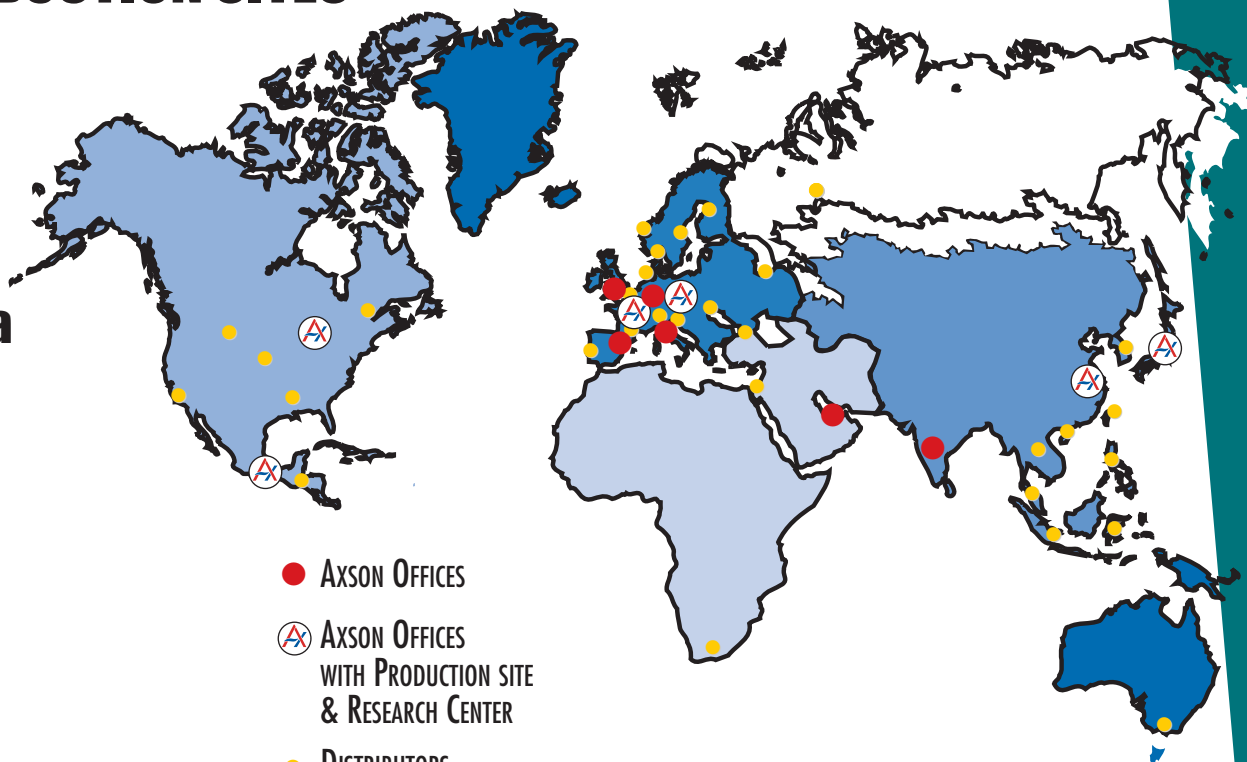
Contact AXSON for other specific packaging options and sales conditions.

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