



Product description

RESION MetalTint is a premium metallic effect pigment based on high-quality mica flakes. It is designed to create decorative metallic, pearlescent and shimmering effects in transparent and pigmented casting systems.

The pigment disperses easily in epoxy resins and produces a deep metallic appearance with excellent visual depth. Depending on pigment concentration, casting thickness and lighting conditions, subtle pearl effects or highly opaque metallic finishes can be achieved.

RESION MetalTint can also be applied directly into a mould before casting. When brushed or dusted onto the mould surface, the pigment transfers to the casting, creating a metallic surface finish with exceptional detail reproduction.

Applications

RESION MetalTint is suitable for:

- Epoxy resin castings
- River tables
- Decorative castings
- Jewellery
- Art projects
- Coatings
- Surface effects
- Mould surface decoration

Suitable backing materials after mould application include:

- Epoxy resin
- Acrylic casting resin
- Gypsum
- Cement-based decorative materials



Features

- High-quality mica-based pigment
- Produces metallic and pearlescent effects
- Excellent colour intensity
- Easy dispersion
- Non-reactive with resin systems
- Suitable for transparent and pigmented systems
- Excellent shimmer under changing light angles
- Can be mixed into resin or applied directly into moulds

Recommended dosage

Typical dosage:

- **0.1–5 wt%** depending on the desired effect.

General guideline:

Effect	Dosage
Light shimmer	0.1–0.5%
Metallic effect	0.5–2%
Strong metallic appearance	2–5%

Higher dosages are possible but generally provide limited additional visual benefit.



Instructions for use

Mixing into resin

1. Measure the desired amount of MetalTint.
2. Add the pigment to the resin component.
3. Mix thoroughly until the pigment is evenly dispersed.
4. Add the hardener according to the resin manufacturer's instructions.
5. Mix again before casting.

For epoxy systems, adding the pigment to the resin component before the hardener generally provides the easiest and most uniform dispersion.

Mould decoration

1. Ensure the mould is clean and dry.
2. Apply a thin layer of MetalTint using a soft brush or cosmetic brush.
3. Remove excess pigment if necessary.
4. Carefully cast the chosen material behind the pigment.
5. After demoulding, the metallic effect will be permanently transferred to the casting surface.

Compatibility

Compatible with:

- Epoxy resin
- Polyester resin
- Polyurethane resin
- Acrylic casting systems
- Gypsum
- Cement-based casting materials

Compatibility testing is recommended before large-scale production.



Storage

Store in a dry, closed container.

Protect against:

- Moisture
- Dust contamination
- Direct sunlight

Recommended storage temperature:

15–25 °C

Shelf life:

At least 24 months when stored unopened under recommended conditions.

Safety

Avoid creating airborne dust.

Use suitable personal protective equipment during handling.

Refer to the Safety Data Sheet (SDS) before use.



Technical data

Property	Value
Product type	Metallic effect pigment
Base material	Mica
Appearance	Fine metallic powder
Colour	Various colours
Solubility	Insoluble
Recommended dosage	0.1–5 wt%
Suitable binders	Epoxy, polyester, polyurethane, acrylic systems
Storage temperature	15–25 °C
Shelf life	Minimum 24 months

The information in this sheet is based on years of product development and practical experience and is correct on the date of publication. Nevertheless, Polyestershoppen BV cannot accept any liability for work produced according to this information, as the final result is partly determined by factors beyond our control. Polyestershoppen BV reserves the right to make changes to this sheet without notice. This product sheet replaces all previous editions.

Resion © is a registered trademark of:
Polyestershoppen BV
Oostbaan 680
2841 ML Moordrecht
The Netherlands
tel: +31 (0)85-0220090
info@polyestershoppen.com