

PRODUCT DATA

ElastoPro

Andrews Coatings Ltd
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DESCRIPTION

ElastoPro professional painters quality is a plasto-elastic sealant for inside use and is based on an acrylic dispersion. The product is suitable for sealing connecting joints, cracks and joints.

MAIN PROPERTIES

Minimal distortion - good adhesion to many substrates without primer - can be applied on damp surfaces, absorbent surfaces - quick repaintable with an alkyd paint and dispersion coatings.

RECOMMENDED USES

Connecting joints between frames and masonry, stucco and gypsum board with moderate movement. Repairing and sealing cracks and joints in cellular concrete, stone plaster and wood. Not suitable for dilatation cracks.

TECHNICAL DATA

Colour:	White
Density:	± 1,55 g/cm ³
Solid contents:	84%
Flashpoint:	Not flammable
Shore-A-hardness:	15 (DIN 53505)
Deformation:	Max. 15%
Volume deformation:	-15% (DIN 52451)
E-modulus (100%):	0,25 N/mm ² (DIN EN 28340)
UV-resistant:	Good (ISO 4892)

Drying times

	At 23°C/50% r.v.
Skinning:	Approx. 20 minutes
Recoatable:	After skin formation (> 20 minutes)
Full hardness:	1 to 2 weeks, depending on temperature, air humidity and joint with.
Remark:	Temperatures below +5°C can slow down the curing process.

Coverage

Theoretical:	Approx. 12 running metres for a joint of 5x5mm.
Practical:	Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

The surface must be clean, dust and oil-free. It is advisable to prime sensitive and mineral substrates in order to achieve a better adhesion.

DIRECTION FOR USE

Joint building

Fix joints with PE or PU to the correct depth.

Minimum joint width: 5 mm, maximum joint width 25 mm.

To prevent damage use only blunt and smooth spatulas. In case of joints with a rigid substrate use a polyethylene film to prevent three-point attachment.

Unsuitable are joints containing oil, tar, bitumen, natural rubber, EPDM or Chloroprene.

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Joint finishing

In order to achieve a smooth optical finish we advise to tape the edges with a suitable tape. Apply ElastoPro without air confined in the joint. Completely fill the joint. Remove all unnecessary kit with a suitable spatula. Finish the joint by spraying a little water on the joint (add no smoothing additive to the water). To prevent damage later on, remove the tape around the edges.

APPLICATION & THINNING

Tools: Manual pump gun (nozzle free to choose) - spatula, palette knife.

Cleanup: With water. After drying ElastoPro can only be removed mechanically

APPLICATION CONDITIONS

Application temperature +5°C to +25°C

Protect ElastoPro during the curing process against frost.
Low temperatures will slow down the curing process.

REMARKS

ElastoPro is recoatable with dispersion and alkyd coatings (testing before application is advisable). In case of static joints with small movement (max. 5%) ElastoPro can be coated after complete hardening. Recoating with high filled dispersion coats can give cracking in the layer.

ElastoPro is not suitable for seals between glass, glazed surfaces and joints with standing water.

ElastoPro is available in 310 ml cartridges.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS

12 months from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.