

Technical Product Information Sheet: 0504
Date: 27-05-10
Print date: 27-05-10

BRISTOL-PU METALLICS

Product information

Group	: Water soluble metallic paint
Description	: A single component water-based finishing paint, based on a polyurethane/acrylate emulsion, for interior use.
Properties	: <ul style="list-style-type: none">- Hard-wearing and scratchproof- Quick drying several coats can be applied in one day- Can be thinned with water- Low odour- Elastic
Application	: Can conveniently be used for the treatment of wood, metal, plastic etc. Available in Satin.

Technical data

Colour	: Silver, Gold, Copper - other shades mixed to order
Finish	: Satin
Density	: Approximately 1.07 kg/l
Flash point	: -
Solids content	: 40% (m/m) 38% (v/v)
VOC (Volatile organic compounds) g/l:	EU limit value for this product(cat.A/e): 150 g/l (2007) / 130 g/l (2010) This product contains max. 130 g/l VOC.
Recommended thickness of each coat	: 30-52 μm dry = 75 – 125 μm wet
Theoretical coverage	: For a dry coat thickness of 40 μm : about 9,5 m ² /l (8,8 m ² /kg)
Actual coverage	: The actual coverage depends on many factors, such as the shape of the object, the roughness of the surface, the method of application and the circumstances in which it is applied. Assuming 10% loss when applying by brush: about 8,6 m ² /l (7,7 m ² /kg).

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Application conditions : Substrate and surrounding temperature should be between 7°C and 30° C during application and drying. Relative humidity no more than 75%.

Drying times : At 20°C, 65% R.H. and a wet coating thickness of 75-125µm:

- Dust-dry : ½ hour
- Tack-free : 1 to 2 hours
- Overcoatable : 3 to 4 hours
- Fully dry : 24 hours
- Fully cured : about 3 to 4 weeks

Instructions for use : Stir well before use
PU METALLIC is only suitable for interior use. The substrate must be dry, clean and grease free.
PU METALLIC is best applied with a paint spray.
Application by brush or roller is also possible but may leave brush or roller marks. If using a brush or roller, we recommend always working from one direction to achieve the best result. The correct paint roller is a mohair or velvet roller. A foam roller may be used for finishing off.

Treatment of old surfaces:

Remove old, flaking layers. Lightly sand and clean the surface. Apply 1 or 2 layers of **PU METALLIC**, leaving approx. 3 hours between coats. If in doubt, try on a test piece,

Treatment of new surfaces:

Degrease and sand removing all dust. Lightly sand the first coat on new substrates before application of the next coat.

If a harder surface is required, overcoat with **TOPLAK-CLEAR**.

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Applying	: Airless spray	Air spray	Brush/roller
Thinning	: water	water	water
Amount	: 0-10%	0-15%	0-5%
Nozzle size	: 0.009-0.013"	1.5-2.0 mm	-
Spray pressure	: 80-120 Bar	3-4 Bar	-

Cleaning tools : Clean equipment and brushes with water

Packaging size : 1 – 2½ litres

Shelf life : At least 1 year if stored in a dry and cool place in unopened original packaging.
BRISTOLCRYL-PU ALUMINIUM is sensitive to frost and must be protected from frost in storage.

Safety

Safety aspects : The user must comply with the prevailing legislation and regulations with respect to disposal of wastes, health and safety.
For further information, see the label and the relevant safety information sheet.

Transport ADR class : none

We recommend the above information, which is based on our many years experience.

No guarantee for particular applications can be derived from this because the prevailing application and processing conditions are outside our control. The customer should check, using the means normally available to him, whether the products supplied are suitable for the planned application. If in doubt, consult our technical specialists.