

BRICAFIL

2K-PUR spray filler DD-250

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VFL
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Properties

BRICAFIL is a 2-component acrylic-polyurethane spray primer with excellent filling capacity, low shrinkage, good sprayability and flow. With BRICAFIL, up to a maximum of 200 µm can be applied per spray cycle. Due to higher layer thicknesses, bubbles or cracks can form. This results in fast drying and quickly sandable coatings with an excellent surface hardness. BRICAFIL is resistant to water, oils, solvents, petrol, etc. and can be painted over with all 2-component systems (epoxy or polyurethane) as well as synthetic resin, acrylic and nitro paints or water-based paints.

Field of application

As an adhesion-filling primer for small depressions as well as sanding marks or as an adhesion bridge on old paintwork in the automotive and industrial sectors such as trucks, agricultural machinery, construction machinery, mechanical engineering, apparatus, switchboards, steel and metal structures, etc.

Pretreatment

The substrate must be clean, dry and free of oil, grease and wax. Grind old coats well and it is advisable to carry out a preliminary compatibility test.

Processing

Do not use below 5 °C. BRICAFIL is applied directly without primer. After a flash-off time of 10–15 minutes, BRICAFIL can be forced dried at 60–100 °C. Spray viscosity 18–25 seconds in DIN-4 cup. For larger depressions, apply several coats and allow to dry, otherwise there is a risk of bubbles forming.

System structure

2–3 x BRICAFIL 2K-PUR spray filler DD-250 white
Subsequent build-up with a suitable 1- or 2-component topcoat system.

Drying

Assumption 150 µm wet film thickness application:

- ◆ Dust dry after about 20 minutes
- ◆ Firm to the touch after approx. 1 hour
- ◆ Sandable and recoatable after 2–3 hours
(depending on temperature, humidity and air circulation)

Dilution

DD thinner. Other thinners may react with the hardener and affect the quality of BRICAFIL.

Extensiveness

2–4 m² per kg per application, depending on the quantity applied and the condition of the substrate.

Mixing ratio

8 parts by weight component A and 1 part by weight component B (8 : 1).

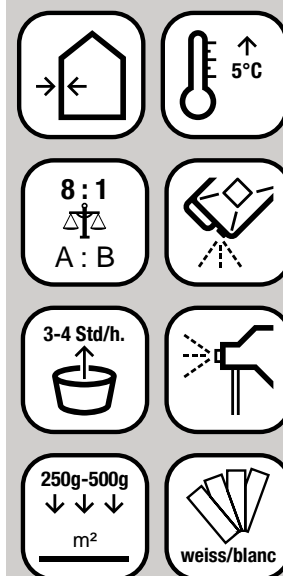
Pot life

After mixing the A and B components, BRICAFIL can be processed for 3–4 hours at 20 °C. The increase in viscosity, which increases with pot life, must be compensated by the addition of DD diluent.

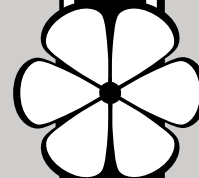
Mixed residual inks must never be stored in a closed container until they have completely hardened. The product continues to react and will put the container under pressure and may cause it to burst.

Application

Sprayer.



Farben



Knuchel

High quality – Top finish

Delivery form	Packages (including hardener) of 4,5 kg as well as 900g.
Shelf life	<p>Components A: BRICAFIL can be stored for at least 12 months in the well closed original container. Storage beyond this specified period does not necessarily mean that the goods are unusable. However, for quality assurance reasons, it is essential to check the required property values. Store in a cool and dry place.</p> <p>Components B: The hardener can be stored for at least 12 months in well-sealed original containers. Storage beyond this specified period does not necessarily mean that the goods are unusable. However, for quality assurance reasons, it is essential to check the required property values. Store in a cool but frost-free place.</p>
Viscosity	Thixotrope / 2000–4000 mPa.s
Density	Components A: $1,60 \pm 0,05 \text{ g/cm}^3$ Components B: $1,00 \pm 0,05 \text{ g/cm}^3$
Solid content	Components A: $73 \pm 1 \%$ Components B: $54 \pm 1 \%$
Binder base	Components A: Modified polyurethane resins Components B: Aliphatic isocyanate (article 993)
Pigment base	Titanium dioxide, rust inhibitors, active corrosion protection pigments, light metal silicates, organic and inorganic coloured pigments.
Gloss level	Silk matt
Colours	White
Registration	Components A: CPID 504702 Components B: CPID 000000 (article 993)
Classification	For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.
Note	<p>This leaflet is only intended as a reference and non-binding advice. The processing must be adapted to the corresponding conditions. In special cases we recommend to contact our technical service. However, all data and information on the suitability and application of the delivered products do not exempt the processor from carrying out his own tests and trials. A claim for damages for omitted, incomplete or incorrect information is excluded. This applies in particular if thinners or hardeners and other products are used in the paint build-up system.</p> <p>Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.</p>