Data Sheet

2C Uni-Polyester Filler 667

Two-component, filler material with good filling power, easy to sand, for exterior and interior use

Field of application

Two-component, universal filler material, with wide range of application as spackling compound and fine filler. For filling localized defects, e.g., on steel, aluminum, fiberglass and galvanized components.

Properties

- Two-component
- For interior and exterior use
- Quick-drying
- Easy to spread and sand
- Excellent adhesion
- Can be coated with all alkyd, acrylic, and two-component enamel paints

Material description

Color shade	Beige
Base material	Unsaturated polyester resins
Density	Approx. 1.88 g/cm³
Flash point	> 34 °C
Packaging	250 g, 1 kg, 2.5 kg (incl. hardener)

Use

Mixing ratio	Add 2% hardener based on the required quantity of 2C Uni-Polyester Filler 667. Adhere to the mixing ratio. Do not add too much! See note. Ensure thorough mixing of the two components.
Pre-reaction time	Apply immediately after mixing.
Thinning	Ready to use, do not dilute.
Tinting	Do not tint.
Compatibility	Do not mix with other types of materials.
Pot life (at +20°C)	Approx. 4–6 minutes. After the pot life period has ended, do not thin the material again or continue to use it. Higher temperatures shorten the pot life.
Application	Apply 2C Uni-Polyester Filler 667 in one or more coats, using a Japan filler knife. Any contingent air inclusions must be pressed out from the mass using a spatula.
Consumption	Depends on the respective size and scope of the defect.
Application temperature	Do not apply at an air and/or object temperature that is below +5°C or above 30°C. Apply at temperatures at least 3°C above the dew point.
Tool cleaning	After use, remove residues immediately or after drying, clean mechanically.

Drying (+20°C, 65% relative humidity)

Can be sanded and processed after approx. 20–25 minutes. We recommend dry sanding of the filled surfaces. Lower temperatures and/or higher humidity delay (prolong) the drying time. Higher temperatures accelerate the drying and curing processes.

Storage

Store in a cool and dry place. Reseal opened containers tightly.

Declaration

Product code	Not assigned Comply with the specifications in the current Safety Data Sheet.

Coating build-up

Substrate preparation

The substrate must be solid, dry, clean, load-bearing, and free from separating agents. Degrease and derust iron. Prepare zinc, galvanized surfaces by cleaning them with Universal Cleaner 1032 or with ammonia alkaline washing fluid (in accordance with BFS Leaflet No. 5, Paragraph 3.3). Clean aluminum and bare metal with Universal Cleaner 1032 and non-woven abrasive then thoroughly rinse with water. When treating aluminum, follow the instructions in BFS Leaflet No. 6. Inspect factory coatings as well as intact old coatings for their suitability, load-bearing capacity, and adhesive properties. Remove any coatings that are defective and unsuitable. Thoroughly sand intact coats. Hazardous particles and vapors may be released when reworking or removing old paint coats, e.g. as a result of sanding, paint removal by heat gun, etc. Perform such work only in well ventilated areas, and ensure the use of appropriate protective equipment (including respiratory protective equipment) as required. Pretreat the substrate in accordance with the requirements. See also VOB Part C, DIN 18363, Section 3.

Priming

Generally not required on untreated metal surfaces, except on zinc or galvanized steel. Prime zinc or galvanized surfaces with 2C Epoxy Varioprimer 865 or 2C Epoxy Varioprimer S 864.

Filling

Depending on individual requirements, apply 2C Uni-Polyester Filler 667 in single or multiple coats.

Intermediate and top coat

Depending on the component, requirement and selection, after sanding, continue with the system build-up with acrylic enamel paints, alkyd resin or two-component enamel paints.

Notes

Do not add too much

Adding a larger quantity of hardener does not accelerate the drying (polymerization). Adding a larger quantity of hardener can result in color changes in subsequent paint coating.

Interior ventilation

Ensure proper ventilation during application and drying in interior areas.

Further information

Follow the instructions on the data sheets of the products used.

Remark

This Data Sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this Data Sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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