

Technical Data Sheet

Two-component Special Filling

Two-component Special Filling incl. hardener



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| Product | |
| Description | Two-component Special Filling is a two-component filler based on unsaturated polyester resins dissolved in styrene. |
| Usage | Two-component Special Filling is mainly used for levelling depressions or coarse unevenness on various substrates. |
| Characteristics / advantages | <ul style="list-style-type: none"> ▪ good drawability due to creamy consistency ▪ high filling and standing capacity ▪ fast curing (10 - 15 minutes) ▪ Easy sanding and high abrasion ▪ very good adhesion to metal (iron, steel, aluminium), wood, stone and various plastics (e.g. rigid PVC, polyester) even at higher temperatures (up to approx. 100°C) ▪ resistant to water, petrol, mineral oils, diluted alkalis and acids |
| Test Reports | |
| Approvals / Standards | Nicht erforderlich |
| Product Data | |
| Appearance | --- |
| Packaging | 1 kg-can |
| Storage | Approx. 1 year in well-sealed original container when stored in a cool and frost-free place. |

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| Material Properties | <p>colour: grey</p> <p>Density: approx. 1,90 g/cm³</p> <p>Viscosity: pasty</p> <p>Processing time/min:</p> <p style="margin-left: 20px;">a) at +20°C</p> <p style="margin-left: 40px;">1 % Hardener 8 – 10 min.</p> <p style="margin-left: 40px;">2 % Hardener 4 – 5 min.</p> <p style="margin-left: 40px;">3 % Hardener 3 – 4 min.</p> <p style="margin-left: 40px;">4 % Hardener 2 – 3 min.</p> <p style="margin-left: 20px;">b) with 2 % Hardener</p> <p style="margin-left: 40px;">at +10°C 9 – 11 min.</p> <p style="margin-left: 40px;">at +20°C 4 – 5 min.</p> <p style="margin-left: 40px;">at +30°C 2 – 3 min.</p> <p>Solubility in water: insoluble in water</p> |
| Processing | <p>The substrate must be derusted, degreased, dry, dust-free and slightly roughened. Uncured old paint or thermoplastic acrylic paint must be removed.</p> <p>To a quantity of 100 g putty add 1-4g hardener paste red (1g corresponds to approx. 4-5 cm from the screw tube).</p> <p>Mix both components until a homogeneous colour shade is achieved; the mixture remains workable for approx. 2-8 minute.</p> <p>After 15-30 minutes the cured filler can be worked on (grinding, drilling, milling).</p> <p>Heat accelerates, cold delays the curing reaction.</p> <p>The finished filler surface can be reworked with all commercially available fillers and varnishes.</p> <p>Tools can be cleaned with nitro thinner.</p> |
| Special notes | <ul style="list-style-type: none"> ▪ For metallic substrates, fill as soon as possible after sanding to avoid a reduction in adhesion. ▪ Hardener quantities above 4% reduce the adhesion and can worsen the surface drying. ▪ Hardener quantities below 1% delay curing or, at low temperatures, curing is incomplete and the surface remains very sticky. ▪ Before overcoating with 2-K acrylic lacquer, a primer or non-sanding sealer should be applied to prevent bubbling. ▪ If the product is to be applied in thicker layers, work with as little hardener as possible or in several layers. ▪ Cured filler can no longer be removed with solvents, but only mechanically or by high temperatures (>200°C). ▪ When applied correctly, the hardened filler is not harmful to health. |
| Safety | See EG-safety data sheet |
| Environment / Sustainability | <p>The company MAX FRANK GmbH & Co. KG has implemented a certified environmental management system since July 2022.</p> <p>Please dispose of and recycle the packaging in accordance with the applicable legal regulations.</p> |
| Disclaimer / Notes: | The usability of the products in the specific installation situation must be checked by the user. This data sheet is constantly updated. Technical changes are therefore expressly reserved without prior information of the customer. The currently valid version can be found on our website at: www.maxfrank.com . Our General Terms and Conditions of Sale apply in addition. |