

TEKNOPOX FILLER 2112

Epoxy stopper

TEKNOPOX FILLER 2112 is a two-pack, nearly solvent-free epoxy stopper based on epoxy resin. The product belongs to a coating system whose reaction to fire has been tested according to the standard EN 45545-2.

For stopping up primed or blast-cleaned steel and aluminium plate surfaces, especially on large steel surfaces. Also suitable for concrete surfaces as a stopper and to fill the pores.

The stopper is easy to work with and its adhesion to roughened steel surface or to a surface primed with epoxy coating is very good. The stopper cures fast and it can be sanded down the same day.

The tested coating system comes up to the requirements for Requirement set R7 Hazard level HL1/HL2 by EN 45545-2.



TECHNICAL DATA

Certificates, approvals and classification	EN 45545-2
Recommended substrate	Aluminium, Steel
Binder	Epoxy
Solids	94 ±2 % by volume
Total mass of solids	Approx. 980 g/l
Volatile organic compound (VOC)	Approx. 60 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.
Colours	Light grey.
Hardener	Comp. B: TEKNOPOX HARDENER 7217
Mixing ratio (A:B)	1:1 parts by volume
Pot life, +23 °C	60 min
Storage	The storage stability is shown on the label. Store in a cool place and in tightly closed containers.

DIRECTION FOR USE

Surface preparation	<p>STEEL SURFACES: After general cleaning the steel surfaces are blast-cleaned to preparation grade Sa 2½.</p> <p>PRIMED SURFACES: Paint coats older than 2 days are to be roughened before filling.</p> <p>ALUMINIUM SURFACES: Treat the surfaces with RENSA STEEL washing agent. Surfaces are also roughened up with sweep blast-cleaning (AlSaS).</p> <p>CONCRETE SURFACES: The concrete must be at least 4 weeks old, well-hardened and solid. Remove brittle concrete by grinding or hydro-blasting with sand.</p>
Application method	Steel spatula
Application	<p>MIXING OF THE COMPONENTS: Mix the hardener with the base immediately before use either manually or by a slow-rotating drilling machine. Inadequate stirring or incorrect mixing ratio results in imperfect curing and impaired film properties.</p> <p>If only part of the can is used for the paint mixture, the whole contents must first be mixed thoroughly.</p> <p>The filler is applied by a filling knife. The knife marks and splashes are scraped off as soon as the filler has set.</p>
Application conditions	The surface to be treated must be dry. During the application and drying period the temperature of the ambient air, the surface and the product shall be above +10°C and the relative air humidity below 80%. Additionally, the temperature of the surface to be treated and the product must be at least +3°C above the dew point of the ambient air.
Thinning	When the filler is used in thin layers on large steel surfaces, it can be thinned by adding about 5% TEKNOSOLV 6060, which enables application by a wide filling knife. If the layers are more than 0.5 mm thick, thinning is not recommended.

Drying time	+23 °C / 50% RH
- dust free	1.5 h (ISO 9117-3:2010)
- touch dry	2.5 h (ISO 9117-5:2012)
- overcoatable	4 h
- fit for sanding	4 h
- fully cured	4 d

Filler coats that have cured for more than 24 h are to be rubbed down before painting.

Increase in film thickness and rise in the relative humidity of the air in the drying space usually slow down the drying process.

Cleaning	TEKNOSOLV 9506 or TEKNOSOLV 6060.
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HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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