



# TEKNOPOX PUTTY 2118

## Epoxy Putty

---

<b>PRODUCT TYPE</b>	TEKNOPOX PUTTY 2118 is a two-pack, solvent-free putty based on epoxy resin.	
<b>USAGE</b>	For filling of irregularities and smoothing out the surface of wind turbine blades in production. Also suitable for stopping up primed or blast-cleaned steel and aluminium plate surfaces, especially on large steel surfaces.	
<b>SPECIAL PROPERTIES</b>	The putty is easy to work with and its adhesion to fibreglass reinforced epoxy composites, roughened steel surface or to a surface primed with epoxy coating is very good. It cures fast and can be sanded down the same day. The putty remains easily sandable over a long period of time. Cured TEKNOPOX PUTTY 2118 is more flexible than regular epoxy putties, which makes it suitable for application on wind turbine blades.	
<hr/>		
<b>TECHNICAL DATA</b>		
<b>Mixing ratio</b>	Base (Comp. A): Hardener (Comp B): TEKNOPOX PUTTY HARDENER 7218	2.5 parts by volume 1 part by volume
<b>Pot life, +23 °C</b>	30 min	
<b>Solids</b>	100 % by volume	
<b>Total mass of solids</b>	abt. 1120 g/l	
<b>Volatile organic compound (VOC)</b>	abt. 0 g/l	
<b>Drying time at +23°C / 50% RH</b>		
- dust free (ISO 9117-3:2010)	after 2 h	
- touch dry (DIN 53150:1995)	after 3 h	
- fit for sanding	after 5 h	
- overcoatable	after 5 h	
- fully cured	after 7 d	
	Increase in film thickness and rise in the relative humidity of the air in the drying space usually slow down the drying process.	
<b>Clean up</b>	TEKNOSOLV 9506 or TEKNOOLV 9530	
<b>Colours</b>	Light grey	
<b>SAFETY MARKINGS</b>	See Safety Data Sheet.	

PTO

---

**DIRECTION FOR USE****Surface preparation**

FIBREGLASS REINFORCED EPOXY: The surface must be free from mould release agents, dust, dirt, grease etc. The surface is to be roughened up by sanding or light sand-blasting, and all dust is removed.

STEEL SURFACES: After general cleaning the steel surfaces are blast-cleaned to preparation grade Sa 2½.

PRIMED SURFACES: The primed surfaces must be clean and free from dust. Paint coats older than 2 days are roughened before filling.

ALUMINIUM SURFACES: Treat the surfaces with RENSA STEEL washing agent for galvanized surfaces. Surfaces are also roughened up with sweep blast-cleaning (AlSaS).

**Application conditions**

The surface to be treated must be dry. The temperature of the ambient air, the surface and the putty shall be above +20°C and the relative air humidity below 70% during the application and drying period. Additionally the temperature of the surface to be puttied and the putty must be at least 3°C above the dew point of the ambient air.

**Application of putty**

Mix the hardener with the base immediately before use either manually or by a slow-rotating drilling machine. Stir thoroughly, inadequately stirred putty does not cure properly.

When dividing packages the individual components must be stirred thoroughly before the mixture is measured.

The putty is applied by a filling knife. The knife marks and splashes are scraped off as soon as the putty has set.

When the putty 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.

**ADDITIONAL INFORMATION**

The storage stability is shown on the label. Store in a cool place and in tightly closed containers.

---

The information of this data sheet is normative and based on laboratory tests and practical experience. Teknos guarantees that the product quality conforms to our quality system. Teknos accepts, however, no liability for the actual application work, as this is to a great extent dependent on the conditions during handling and application. Teknos accepts no liability for any damage resulting from misapplication of the product. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos data sheets, material safety data sheets and system sheets are on our home pages [www.teknos.com](http://www.teknos.com).

---



EN\_1760\_Tuoteseloste.pdf