

Technical data sheet  
Article number:  
W100612  
W100615



## WFP Epoxy Adhesive

### Epoxy resin adhesive /-mortar Pigmented



<b>Product description</b>	WFP Epoxy adhesive is a two component special filled adhesion based on epoxy resin. The product is very versatile.	
<b>Area of application</b>	WFP Epoxy Adhesive is used for glueing of the WFP Joint Tape TPE 1 and TPE2. Furthermore it us also usable as construction adhesion, as adhesive mortar and putty of concrete. Also perfectly usable for the adhesive of concrete elements.	
<b>Properties</b>	<ul style="list-style-type: none"><li>- Perfect bonding</li><li>- High adhesive strength</li><li>- High mechanical resistance</li><li>- Easy to apply</li><li>- Also suitable for humid substrates</li><li>- Mixing ratio 1:1 weight</li><li>- High chemical resistance</li><li>- Suitable on many surfaces</li><li>- „Made in Germany“</li></ul>	
<b>Specification</b>	Base: Color: A-component B-component Processing temperature:  Density: Viscosity: Compressive strength (DIN 53454): Volume shrinkage: Adhesion tensile strength on concrete: Adhesion tensile strength on steel:: Mixing ratio: Working time:  Consumption:	Epoxy resin white black > + 8°C until + 30°C surface temperature approx.1,89 g/ml thixotropic, stable up to 10 mm approx. 80 N/mm <sup>2</sup> after 14 days at 23°C < 1,0% concrete fracture > 15 N/mm <sup>2</sup> (14 days, 23°C) 1:1 by weight 8°C approx. 90 minutes 23°C approx. 45 minutes 30°C approx. 20 minutes approx. 1,9 kg/m <sup>2</sup> per mm stickness
<b>Delivery form</b>	Comp. A 7,5 kg metal bucket Komp. B 7,5 kg metal bucket = 15 kg units	
<b>Storage</b>	12 months (frost-free and dry in the original package)	

## **Application**

### **Preparation of the surface**

The surface must be mineral, dry or slight moist, stable, solid and clean. Loose components, release agents, formwork oil, grease and other adhesive reducing layers have to be removed before the use of WFP Epoxy Adhesive. The concrete should be 3-7 weeks old before application. Damaged areas, cracks, cavities can be re-profiled with WFP Epoxy Adhesive. Perhaps a pretreatment of the surface with sand or shotblasting is necessary. An adhesive tensile strength of 1,5 N/mm<sup>2</sup> at least is required.

### **Material**

WFP Epoxy Adhesive must be mixed in the right mixing ratio homogenously. Therefore component B is completely filled in component A. With a suitable mixing device the material should be mixed 3 minutes at least until no color streaks are visible. We recommend to put the material in a clean vessel and mix it again to guarantee a homogenous mixture. The mixing device should mix at low speed to avoid air in the mixture (max. 400 U/Min.).

### **Application with WFP Joint Tape TPE**

The joint tape should not completely adhered with the surface if cracks or joints are bigger than 1 mm. The joint tape have to lay loose over the joint or crack. The mixed WFP Epoxy Adhesive must be applied on both sides along the joint by using a spatula or notched trowel (coating thickness of the adhesion: 1-2mm).

Application width on both sides min. 40 mm.

The WFP Joint Tape TPE must be embedded within the pot life time of the WFP Epoxy Adhesive and pressed firmly in the adhesive by using a roller. It is very important to avoid air pockets in the adhesive layer, because it may causes leaks afterwards. In case of joint movement the WFP Joint Tape TPE is layed in loop form over the joint. If the joints are smaller than 1mm the WFP Joint Tape can be fully covered with WFP Epoxy Adhesive.

### **Recommended tools**

Mixing device, spatula, notched trowel, gloves, safety glasses.

### **Remark**

The information complies with the current state of development. There is no claim for completeness. A professional and therefore successful processing of the products is not within our responsibility. We accept a warranty only for the quality of the products, but not for processing. It is the responsibility of the user to evaluate the suitability of our products for its purpose. Preliminary tests are recommended.