



weberterc grout P plus (Qatar)

Highly fluid cementitious
expansive grout

*Technical and
repair mortars*

Leb	Jordan	Egypt	UAE	Qatar	Kuwait	KSA	Oman
-	-	-	-	25kg	-	-	-

PRODUCT

weberterc grout P plus is a ready to use non shrink grout made of sand, special cement and additives to achieve unique characteristics with high strength and no bleed.

SCOPE OF USE

- Grouting under pipe support (transmission pipeline)
- Bedding under industrial equipment and heavy machinery mounting plates
- Jointing and bedding of precast elements
- Jointing of formwork
- Void filling applications

ADVANTAGES

- Highly fluid
- High early mechanical resistance
- Good resistance to chlorides and sulfates
- Easy application
- Excellent resistant to vibration and shock loads
- Pumpable
- Expansive

CHARACTERISTICS

Appearance	Grey powder
Grain size	0 to 4 mm
Wet density (kg/m ³)	2.3 ± 0.1
Mixing water	12% - 15%
Pot life	20 mins at standard lab temperature
Flexural strength (BS EN 196-1)	> 14 MPa @ 28 days
Early height change (ASTM C 827)	0.5-3%
Flowability at 21°C (ASTM C 230)	Flowable @ 45 min
Height change of moist cured grout (ASTM C 1090)	up to 0.3% at 28 days

Compressive strength (N/mm²) - ASTM C109

Age	Result at 4°C	Result at 24°C	Result at 35°C
1 day	≥ 15 MPa	≥ 25 MPa	≥ 25 MPa
3 days	≥ 25 MPa	≥ 35 MPa	≥ 35 MPa
7 days	≥ 35 MPa	≥ 45 MPa	≥ 45 MPa
28 days	≥ 60 MPa	≥ 65 MPa	≥ 70 MPa

APPLICABLE STANDARDS

Fully comply to ASTM C 1107
ASTM C 109
ASTM C 827
ASTM C 230
ASTM C 1090
BS EN 196-1

INSTRUCTIONS FOR USE

PRODUCT PREPARATION

The grout is obtained by mixing 25kg of **webertec grout P plus** with 3 to 3.75 lit. of water. Add the powder gradually to the water and mix for 3 minutes. To ensure a homogeneous and uniform mix, an electric mixer must be used. Do not mix with other hydraulic binders. The use of additives is absolutely prohibited. Ideal application temperature is between + 4°C and + 35°C. If the application temperature is higher than 35°C, make sure to use cool water to keep the mixed grout temperature below 30°C.

PRODUCT APPLICATION

Clean the concrete substrate or the area between the forms. Pour **webertec grout P plus** continuously, in one direction to avoid air pockets. The maximum grouting thickness per layer is 10 cm. Existing surface needs to be roughened, cured and cleaned. For bedding of precast panels, build a solid leak-proof form-work, saturate the concrete substrate with water for at least few hours prior to pouring and remove all residual water.

CURING

Once the grout starts to set, it should be cured either by a curing compound like **weberad cure Y 20** or **weberad cure WH** or by covering with properly sealed plastic sheeting.

YIELD

Approx 12 liter per 25 kg bag.

STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

SAFETY PRECAUTIONS

Application should be done in a ventilated area away from any heat source. Wear protective gear for hands and eyes and avoid breathing of vapor. If mixed resin comes into contact with the skin, it should be promptly removed before hardening, followed by thoroughly washing the skin with soap and water. In case of heavy vapor inhalation, place affected person in an open-air area. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In all cases, seek medical attention. In case of fire, use CO2 foam to extinguish. Tightly seal containers when not in use, store them away from heat and carefully dispose empty ones.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made

without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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