

## CE-278 Page 1 of 2 Pennchem<sup>™</sup> Novolac Grout

**INSTALLATION GUIDANCE** 

### **SELECTION & SPECIFICATION DATA**

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### **PACKAGING, ESTIMATING & HANDLING**

Product	Code	Packaging
6710 Resin	19592	40 lb (18.1 kg) pail
6711 Hardener	19595	21 lb (9.5 kg) can
Tufchem Grout Filler	21931	60 lb (27 kg) bag

A 4.07 cubic foot (541 lb) unit consists of 1 x 40 lb (4 gal) pail resin, 1 x 21 lb (1.5 gal) can of hardener and 8 x 60 lb bags filler.

Mix can be made more fluid by holding back up to 1 bag of filler. Yield will be reduced when filler is held back.

Theoretical<br/>CoverageA 541 lb (245 kg) unit will yield 4.07 cubic feet<br/>(0.12 m³) of grout. Allow 16.6 mixed lb/ft² (81<br/>kg/m²) when casting as a 1.5-inch (38 mm)<br/>overlay and 11.1 mixed lb/ft² (54.3 kg/m²) as a<br/>1.0-inch (25 mm) overlay. Normal wastage<br/>allowances should be added. Unit yield will be<br/>reduced when filler loading is reduced.

# Storage &<br/>Shelf LifeMaintain products in original packaging and<br/>sealed until ready for use. Estimated shelf life is 18<br/>months for resin and hardener and 36 months for<br/>filler when stored in a dry area at 70°F (21°C).<br/>Actual shelf life may vary with storage conditions.

If there is any question with respect to the quality of the components, check reactivity prior to use. For assistance consult with ErgonArmor.

### **TYPICAL PHYSICAL PROPERTIES**

#### **Typical Value** Property Color Gray Density, ASTM C138 133 lb/ft3 (2,130 kg/m3) Compressive strength, ASTM C579 >12,500 psi (86 MPa) Tensile strength, ASTM C307, 7-day >1,500 psi (10.3 MPa) Shrinkage, ASTM C531 0.04% Absorption, ASTM C413, 48 hr. <0.1% immersion Minimum application thickness 0.75 inches (20 mm) Slump using 7.9 filler: 1.0 mixed resin Approximately 3-5 inches (75-125 and hardener mix ratio mm) with full filler loading.

Flow characteristics of resinous polymer grouts are different from Portland cement grouts. Caution should be used when comparing estimated slump values.

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