TECHNICAL DATA SHEET

SpecPlug

Fast-Setting Hydraulic-Cement Mortar

DESCRIPTION

SpecPlug is a durable, fast-setting hydraulic-cement mortar that stops flowing water through holes and cracks in concrete and masonry surfaces. SpecPlug will not shrink or oxidize.

BENEFITS

- Single component; just add water and use
- Expands as it sets, bonds strongly to concrete and makes watertight repairs
- Sets in approximately 3–5 minutes; stops flowing water fast
- Certified to NSF/ANSI Standard 61 for potable water contact

USES

- Basement and masonry cracks
- Floor and wall joints
- Manholes
- Sewer pipes
- Tunnels
- Swimming pools
- Below-grade foundations

APPLICATION

Surface Preparation

1. For best results, enlarge the crack to a width and depth of 3/4" (19 mm); cut square or undercut. Do not cut in a "V" shape.

2. Clean the substrate of all grease, wax, oil, contaminants and curing compounds. Remove all weak, contaminated or deteriorated concrete.

3. Saturate the surface with water. SpecPlug will cure in the presence of running water.

Mixing: Add a small amount of clean water to SpecPlug and mix to a putty consistency, using approximately 20–21% water to product by weight (approximately 9.5 pints / 4.5 L of water per 50 lb / 22.7 kg of product). Mix only as much material as can be placed in 2 minutes.

Application

1. For vertical and moving-water applications, hold the product firmly in place until it reaches final set, in approximately 3 minutes.

2. Temperatures below 60 °F (16 °C) may delay set; use hot water and warm material to speed setting. Above 80 °F (27 °C), protect the material from hot sun and use cold water to slow setting.

Curing: SpecPlug cures and continues to gain strength as long as it remains damp. Keep the material damp for a minimum of 30 minutes. The product obtains optimal strength when wet cured for up to 2 days.

TECHNICAL DATA INFORMATION

Age	Compressive (C109)	Flexural (C78)	Tensile (C190)
1 hour	1,850 (12.8)	–	–
1 day	3,050 (21.0)	–	–
28 days	7,650 (52.7)	1,200 (8.3)	800 (5.5)

Values in psi (MPa).

Expansion (ASTM C157), moist cure, 28 days.....0.08%
Yield, 50 lb (22.7 kg) pail.....approx. 0.43 cu ft (12.2 L)
Fill per 1 lb (0.45 kg)..... 15.6 cu in (256 cm^3)
Color.....Concrete gray

PACKAGING

10 lb (4.5 kg) pail

50 lb (22.7 kg) pail (36 pails per pallet)

1511 Baltimore Ave, Suite 600
Kansas City, MO 64108

www.SpecChem.com
816-968-5600

SHELF LIFE

18 months when properly stored in unopened containers in a clean, dry area between 45 °F and 90 °F (7–32 °C).

LIMITATIONS

Do not place at temperatures below 40 °F (4 °C) or if the temperature is expected to fall below 40 °F (4 °C) within the next 24 hours.

Avoid hazards by following all precautions found in the Safety Data Sheet (SDS), product labels and technical literature. Please read this information prior to using the product.

WARRANTY

NOTICE – READ CAREFULLY

CONDITIONS OF SALE

SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.

WARRANTY LIMITATION

SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.

Revised 09/30/26

1511 Baltimore Ave, Suite 600
Kansas City, MO 64108

www.SpecChem.com
816-968-5600