



DuraPlug 208

Rapid-Setting Hydraulic Cement

PRODUCT DESCRIPTION

DuraPlug 208 is a rapid-setting hydraulic cement compound used to instantly stop running water or seepage in masonry or concrete. DuraPlug 208 is ready to use and requires only the addition of water before plugging and sealing active leaks.

USAGE/PURPOSE

- Concrete & masonry walls and floors
- Dams, swimming pools, cisterns, reservoirs, water tanks and manhole repair

FEATURES & BENEFITS

DuraPlug 208 replaces ordinary cementitious waterproofing screed and rendering in a very effective way:

- Non-shrinking, non-metallic and non-corrosive
- Initial set in 1 to 3 minutes
- Stops running water or seepage leaks
- High strength
- Controlled expansion
- Can be applied underwater

PACKAGING

5 kg plastic pails

COLOUR

Grey

SHELF LIFE

6 months in original, unopened package

TYPICAL PHYSICAL PROPERTIES

PROPERTY	DESCRIPTION
Appearance	Grey hydraulic cement compound
Compressive Strength (N/mm ²)	1 hour : 9.0 N/mm ² 1 day : 25.0 N/mm ² 28 days : 50.0 N/mm ²
Flexural Strength (N/mm ²)	28 days : 10 N/mm ²
Shelf Life	6 months in original, unopened package
Coverage	5 kg of DuraPlug 208 yields approximately 0.0025m ³ .

LIMITATIONS

- Do not re-temper DuraPlug 208. Do not apply DuraPlug 208 to frozen or frost filled surfaces.
- Do not twist DuraPlug 208 into the hole while plugging running water leaks.
- Do not prewet in cold weather.
- Do not use in dynamic (moving) cracks or expansion joints.
- In all cases, consult the Safety Data Sheet before use.

DIRECTIONS FOR USE

Surface Preparation: Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and all other contaminants. Properly clean profiled area.

Priming: Clean and prime exposed steel with suitable reinforcement protective coating and allow to fully dry prior to the application of DuraPlug 208.

Mixing: Pour potable water into a clean mixing container and gradually add DuraPlug 208. Use approximately 1.2 - 1.5 kg of water for 5 kg of materials. Mix rapidly with a trowel to the consistency of stiff putty with no slump for no more than 30 seconds. DuraPlug 208 will flash set in 60 to 90 seconds. Properly mixed, DuraPlug 208 can be hand formed into a ball.

Application: SSD areas for repair with potable water immediately before application of DuraPlug 208. General Patching: Force DuraPlug 208 into the crack or hole by hand or with a trowel. Rapidly fill to the full depth of the opening.

Patching Active Leaks: Start at the top of the crack or hole and force the DuraPlug 208 to the full depth of the prepared area. Apply direct pressure to the new patch until the DuraPlug 208 has taken a firm set. Mix fresh material and continue patching toward the area of the greatest pressure. When extreme water pressure is encountered, physically hold the mixed DuraPlug 208 with a hand against the leak and apply continuous pressure until the DuraPlug 208 has set, and the water has stopped running. Do not use a twisting motion.

Floor-Wall Patching: Follow above methods for the specific conditions encountered. Use a rounded tool to force the DuraPlug 208 into the joint and construct a 45° transitional cove between the floor and wall at the same time.

Expansion/Contraction Cracks: Do not use DuraPlug 208 to treat dynamic cracks.

CLEAN UP

Clean all the tools and application equipment with water immediately after use. Hardened and/or cured material can only be mechanically removed.



HEALTH & SAFETY PRECAUTIONS

The Technical and Safety Data Sheets must be read and understood before use.

The use of suitable face mask is recommended along with, cement resistant gloves and goggles is advised.

CONDITIONS OF USE AND DISCLAIMER

The information contained in this TDS is given in good faith based upon our current knowledge and does not imply warranty, express or implied. The information is provided and the product is sold on the basis the product is used for its intended purpose and is used in a proper workmanlike manner in accordance with the instruction of the TDS in suitable and safe working conditions. Under no circumstances will the Company be liable for loss, consequential or otherwise, arising from the use of the product.

TREMCO CPG MALAYSIA SDN BHD

Duram is a division of Tremco CPG Malaysia Sdn Bhd

No. 3A Jalan Titanium 2
Presint 1, Bandar Industri Tinggi Serendah
48200 Serendah, Selangor

T. +60 3 6023 0330
www.tremcocpg-asiapacific.com