



# HiPERCRETE® HiWAYPatch

2-Hour Setting Concrete Patching Product  
Product code:M-1705

## PRODUCT DESCRIPTION:

HiPERCRETE® HiWAYPatch is a new development in the field of fast-setting, high strength cement product for resurfacing and patching concrete, bituminous, and brick surfaces. HiWAYPatch cures to a strength exceeding that of concrete.

## USES:

HiPERCRETE® HiWAYPatch is used to patch and repair all traffic bearing concrete and bituminous surfaces wherever a fast setting, non-shrink, pourable patching and grouting compound is required. It can be used on industrial floors, airport runways, aprons, highways, toll plazas, bridge decks, parking lots, driveways, and recreational areas.

## ADVANTESES:

- Fast setting
- High strength
- No priming
- Traffic ready in 2 hour

## TECHNICAL DETAILS:

Description	Results
Product	Modified Special Cements
Typical Drying Time	Initial Set: 30 min., Final Set: 2.0 H
Mixing Ratio with Water	Ready to use material, add water at site to make wet mix
Compressive Strength	2h= 2800 psi (19.3), 1d= 6500 psi (44.8 MPa), 28 D= 10000 psi (68.9 Mpa)
Coverage	12-13 lit/ 25Kg
Packaging	25 kg
Shelf Life	6 months in above conditions when stored at 26 °C

## APPLICATION DATA:

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**1. Surface Preparation:** Apply to clean, dry or damp (free of standing water) substrates free of grease, oil, dirt, coatings or other materials which may inhibit adhesion. Steel surfaces should be free of rust and scale for maximum effectiveness.

**2. Mixing:** Mix only the amount of material that can be placed in 5 to 10 minutes. Mixing ratio 4lit of water to 25 kg of **HiPERCRETE® HiWAYPatch**. To insure proper mixing, it is recommended that the required water be added to the mixer first. Start the mixer and then add **HiPERCRETE® HiWAYPatch**. Mix for 4 to 5 minutes. Do not retemper once material has started to set or the mix will be spoiled. If too much water is added at first, promptly mix in more **HiPERCRETE® HiWAYPatch** to restore the proper consistency. After mixing, discharge material immediately and flush mixer with clean water. Use only potable water for mixing.

**3. Application and Placement:** Pour **HiPERCRETE® HiWAYPatch** into prepared hole/surface need repair.

**SHALLOW PAVING AND RESURFACING:** When applied in thickness of less than 2", it is recommended that Multicrete CM bonding liquid be used as a replacement for water used in the mix with **HiPERCRETE® HiWAYPatch**. This will permit featheredge application of **HiPERCRETE® HiWAYPatch** for light traffic areas.

**4. Limitations:** Do not apply below 5°C or when temperatures of substrate, air or topping may fall below 5°C within 2 hours of application.

**5. Curing, Handling, Clean-up:** Clean tools immediately after use with clean water. Avoid skin and eye contact. Use with adequate ventilation. Observe all safety handling, storage and personal protection guidelines as detailed in the Material Safety Data Sheets provided with this product. Temperature affects curing, handling and spreading.

## PACKING:

25 kg bag/pail

## STORAGE:

Store in dry, frost-free conditions at moderate temperatures not greater than 25 °c.

## WARRANTY

Multichem Group warrants **HiPERCRETE® HiWAYPatch** to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of **HiPERCRETE® HiWAYPatch**.



Because Multichem Group does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem Group specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem Group part. Multichem Group neither assumes nor authorizes any person to assume for Multichem Group any liability in connection with the sale and installation of HiPERCRETE® HiWAYPatch.

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