

PRODUCTNAME

# Fibre-Patch® WP

## Water Plug



The Advanced Materials Centre

MANUFACTURER

Gemite® Products Inc.

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FEATURES

- Stops active flow of water
- Very rapid, but regulated set
- Superior workability
- Easy to apply & Economical

PRODUCT DESCRIPTION

Basic Use

*Fibre-Patch WP* solves active water leakage problems:

- Basement & Retaining Walls
- Manholes
- Concrete Pipe Joints
- Tunnels, Subways & Cisterns
- Swimming Pools & Foundations

Composition and Materials

*Fibre-Patch WP* is a blend of Portland and Calcium Aluminate cements, silica and special additives. This specially designed formulation allows the product to obtain rapid set and high strength, while stopping water flow.

Limitations

*Fibre-Patch WP* is a fast setting material. Under the normal conditions it must be applied within 5 minutes after mixing. Do not apply *Fibre-Patch WP* when the temperature is expected to be below 4°C (40°F) or when a water flow is imminent. At temperatures below 10°C (50°F), use warm water. Hot temperatures will speed up the set.

Health and Safety

*Fibre-Patch WP* is non-toxic and non-flammable. Your skin might be sensitive to cement. We recommend use of rubber gloves. Avoid contact with skin. If contact occurs, flush immediately with water. Seek medical advice if irritation occurs. Harmful if digested. Keep product out of reach of children. FOR INDUSTRIAL USE ONLY. Consult MSDS for additional information.

Color

Dark Grey.

Packaging

*Fibre-Patch WP* is packaged in 22.7 kg (50 lb) bags.

Yield

*Fibre-Patch WP* yields 13.1 L (0.46 ft<sup>3</sup>).

Storage and Transportation

*Fibre-Patch WP*, stored in unopened bags, in dry and cool areas, has a shelf life of 12 months. Pack aged 55 bags per pallet.

TECHNICAL DATA

Final Set (ASTM C191)	Less than 5 minutes	
Compressive Strength (ASTM C109)		
2 hours	5.5-7.5 MPa	800-1100 psi
24 hours	19.3-20.6 MPa	2000-3000 psi
1 day	31.0-33.1 MPa	4500-4800 psi
28 days	37.9 MPa	5500 psi

INSTALLATION

Current Guide Specification and Application Instructions contain additional information specific to each application and must be followed. Contact Gemite's Technical Service for information specific to your application.

Surface Preparation

All patch areas should be free of loose material, dirt and dust. Open all cracks and holes avoiding V-shape cuts.

Mixing

Blend approximately 4 - 4½ parts *Fibre-Patch WP* to 1 part water by volume, to form a heavy putty consistency. Mix only the amount of material which can be used within 5 minutes after mixing.

Application

Starting at the top and working down, apply *Fibre-Patch WP* while maintaining light pressure on the patch. Maintain pressure until initial set begins and the leaking is stopped.

Curing

No special curing required.

Clean Up

All tools must be cleaned with water immediately after use. Cured material can only be removed mechanically.

AVAILABILITY AND COST

Available worldwide. Contact Gemite Products Inc. for the name of the nearest Representative/Distributor and current pricing information.

MAINTENANCE

None required.

Gemite Products Inc.  
July 1998

3 & 7

OSDIO Patching Compounds  
07145 Cementitious Waterproofing

**WARRANTY**

A limited twelve (12) month Material Replacement Warranty is available. For complete details contact Gemite's Head Office.

**TECHNICAL SERVICE**

For technical advice on suitability of *Fibre-Patch WP* for specific application, specification assistance and application advice, contact Gemite Technical Service at: USA 888-443-6483 or Canada 905-672-2020.

**Short Specification**

The water [plug] stop will be *Fibre-Patch WP* manufactured by Gemite Products Inc. [USA 888-443-6483][Canada 905-672-2020]. It shall be applied in accordance with manufacturer's current guide specifications and applications instructions. Contact Gemite Products Inc. for specification assistance and application instructions.