

PRODUCT DESCRIPTION

Master Plug is a fast setting cementitious hydraulic cement material for stopping active water leakage through cracks, faults and holes in masonry and concrete. Due to its rapid setting characteristics, Master Plug may also be used under water.

GENERAL USES

Master Plug is used for plugging leaks in concrete and masonry walls, floors and pipes.

Additional uses:

- Pointing and repairing chimneys
- General repair. Vertical & horizontal applications
- Anchoring fixtures to masonry walls
- As a temporary plug to seal structures
- Basement walls
- Water tanks, cisterns, mines, tunnels, swimming pools

FEATURES

- Quick set – 1 to 3 minutes
- Easy to use. Pre blended – just add water
- Non-corrosive
- Non-shrink
- Can be used under water
- Contains no calcium chloride
- Instantly mixes by hand to seal out water

INSTRUCTIONS FOR USE

Surface Preparation:

All substrates should be clean and free from corrosion deposits or other contaminants. Any unsound or deteriorated concrete should be chipped away and the surface should be damp prior to application.

Mixing:

Master Plug with sufficient clean water to obtain a stiff putty consistency. For most applications hand mixing is preferred. Rubber gloves should be worn when performing this mixing procedure. Mix only that amount of material, which can be used within 2 to 3 minutes. Clean warm water may be used to accelerate the set of Master Plug and ice water to reduce the set time where required.

Application:

REPAIRING LEAKS in mortar joints or cracks are easily handled. Cut out defective mortar joints or cracks to a minimum depth of 1/4". A square cut or under cut is recommended to provide sound surfaces and mechanical locking of Master Plug.

Press Master Plug firmly into place. Only minimum troweling or finishing is recommended.

STOPPING RUNNING WATER through concrete pipes or walls requires starting at the top of the crack where the water pressure is the least and installing MasterPlug in multiple applications toward the bottom portion of the leak. The last MasterPlug should be held in place until the leak subsides.

WALL AND FLOOR JUNCTURES may be sealed by applying Master Plug in a cove or triangular cant configuration.

For best results Master Plug should be kept damp for 10 to 15 minutes after installation.

Cleaning:

Prior to curing Master Plug may be cleaned-up using water.

PACKAGING

- 50 lb. Pails
- 10 lb. cans

STORAGE AND HANDLING

Master Plug should be stored indoors and, when left in its original unopened package will maintain its designed performance characteristics for 12 months.

Keep out of inclement weather.

TYPICAL PERFORMANCE DATA 72° OF 50% RH 1 PART WATER TO 4 PARTS MASTER PLUG				
Working Time 1 min.	HARDENED PROPERTIES OF UNIPLUG			
	Properties	15 min. PSI	7 days PSI	28 days PSI
Set Time ASTM C-266 Initial - 1 min. 30 sec. Final - 2 min. 30 sec.	Compressive Strength	1000 PSI	3500 PSI	6500 PSI
	Slant Shear Strength ASTM C-882-2000 PSI			

LIMITATIONS/WARNING

- Do not re-temper
- Refer to material safety data sheet prior to use.
- Avoid direct contact with skin and eyes.
- Product contains Portland Cement.
- May cause irritation and possibly cement burns.
- Wash exposed skin area promptly with water.
- In case of eye contact, flood eyes repeatedly with water and call physician.
- Do not take internally.
- Harmful if ingested.
- Keep product out of reach of children.

TECHNICAL SERVICES

Adhesives Technology's Technical Service Department provides complete product and technical support.

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