

DESCRIPTION

MeCaWrap-W4 rapid repair kit is designed for quick in-field leak repairs on virtually all types of piping and configurations; straight pipe, elbows, tees and more. The W4 rapid repair kit stops cast-like material repairs the leak and adds long-lasting mechanical strength to thinning walls and active leak areas. Fast curing and ease of application will have you back up and running in minutes. Included in the W4 repair kit, is our MeCaFix 50 metallic putty repair epoxy. Use MeCaFix 50 as required for leak stop or as a build up material prior to applying the repair wrap.

APPLICATIONS

- Rapid repair of pipe leaks and cracks in minutes
- Designed for pipe diameters from 0.5" to 10"
- Stop leaks / Remain in service / Minimize downtime
- Use above and below ground as well as underwater
- Effective for use as dielectric protection
- Provides abrasion protection for buried service

APPLICATIONS INSTRUCTIONS

Surface Preparation: Clean the surface to be repaired by wire brush or grinding. Wipe surface clean of moisture and contamination. Degrease as required with cleaning solvent.

Installation: Protective gloves must be worn. Do not open the foil bag until product is ready to be used. The reaction between moisture and the urethane saturated fabric will begin immediately. Using a gloved hand, wrap the area to be repaired. Wrap in a spiral fashion using 50% overlay.

Using clean water in a spray bottle or lightly wet hand begin to soak the wrap between layers as the repair is built up. 6 wraps is typically required for optimum performance. Apply tension with plastic wrap after the wrap is complete to ensure proper interlayer bonding.

HANDLING & STORAGE

Store product in a cool dry place in original packaging. Do not store in humid environment or at temperatures below 0°C. Avoid Excessive heat and do not allow product to freeze. **Once open the complete wrap must be used.** This wrap technology is sensitive to moisture and will begin to react once the package is open.

TECHNICAL DATA

Color	Black
Thickness Per Layer	20 mil
Service Temperature	-20°F to 250°F (continues operating)
Shelf Life	2 yrs.
Working Time @ 70°F	3-7 min. (temp. dependent)
Curing Time - Full Cure	< 30 min. @ 70°F
UV Stable	Yes
Resin Type	Moisture Cured Urethane
Recommended for Pressures	up to 300 psi

CHEMICAL RESISTANCE

MeCaWrap-W4 show strong resistance to a wide range of chemical commonly present in industrial repair situations, such as: Acetone, Hydrocarbons, Petrochemicals, Fuels, Sol-vents, and Gases, Acids, Bases, Water, Slurries, Steam, Organics, Salts.

CURING PERFORMANCE

Standard cure in 30min at 70F. Complete cure times are variable with ambient temperature. Presence of heat will speed up cure, and lack of heat will show cure. The MeCaWrap-W4 can be used to repair live and active leaks. Removal of pressure is recommended when possible. Upper pressure limit of an active pipe is around 50-60 psi.

PACKAGING

PRODUCT CODE: 8630004W
1 - 4" x 15' - Water activated wrap
1 - 3.5" - MeCaFix 50 epoxy putty repair stick
1 - Protective gloves
1 - Surface wipe

APPROVALS

MeCaFix 50 is approved for drinking water system components - NSF/ANSI/CAN 61 for commercial hot water 180 °F (82 deg °C)

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