



XYCRYLIC

CONCRETE RESTORATION

Description

XYCRYLIC is a water-based, polymer dispersion specifically designed for fortifying Portland cement compositions. This liquid is milky-white in color and improves curing qualities, enhances bond, imparts excellent water and weather resistance, and reduces shrinkage cracking. Xycrylic (Part B) is used to fortify Xypex Megamix I powder (Part A).

Recommended for:

- Use with Megamix I
- Early return to service or exposure to liquids
- Patching and Concrete Repairs

Advantages

- Toughens cement mortars for improved durability
- Enhances adhesion capabilities to a wide variety of surfaces
- Increases resistance to water and many industrial chemicals
- Eliminates water curing
- NSF 61 certified when used with Megamix I powder

Durability

Cement mortars modified with Xycrylic are tough and durable. Compared with unmodified mortars, Xycrylic modified mortars have far superior flexural strength, adhesive bond and impermeability.

Adhesion

Xycrylic-modified mortars have increased adhesion to a variety of surfaces, such as concrete, masonry, brick, wood, metals, and others.

Resistance Properties

Cement mortars modified with Xycrylic are resistant to ingress of water and many industrial chemicals as well as durable under ultraviolet light and heat. Mortars containing Xycrylic dry to a uniform colour.

Packaging

Xycrylic is available in 1.25 U.S. gallon (4.73 litre) bottles.

Storage

Keep Xycrylic from freezing. Xypex products must be stored dry at a minimum temperature of 45°F (7°C). Shelf life is two years when stored under proper conditions.

Application Procedures

For Use With Megamix I Powder

1. Mix 1.16-1.25 U.S. gallons (4.4 – 4.7 litres of Xycrylic (Part B) with one 50 lb. (22.7 kg) pail of Megamix I powder (Part A).

2. Mix thoroughly to a creamy consistency. Let mixture stand for 3 - 5 minutes, re-agitate and then apply.

For Use With Cement Mortar

1. Thoroughly premix sand and cement (1 part cement to 2 parts sand).

2. Briefly agitate the Xycrylic container and then add to the sand and cement.

3. Mix thoroughly until desired workable consistency is reached. Always withhold some Xycrylic so that the mortar will not be too fluid and to carefully gauge the dose near the end of the mixing cycle (2 - 4 minutes).

Curing

For optimum physical properties, cement mortars modified with Xycrylic should be air-cured at ambient temperature and relative humidity. No curing is required under normal conditions.

Technical Services

For more instructions, alternative application methods, or information concerning the compatibility of the Xypex treatment with other products or technologies, contact the Technical Services Department of Xypex Chemical Corporation or your local Xypex Representative.

Certification

Xypex Xycrylic (Part B), when used with Megamix I (Part A), satisfies the requirements of EN 1504-3: Surface protection systems for concrete, Principles 3.1 and 3.3 – Non-Structural Class. Xycrylic, when used with Megamix I, is certified for contact with potable water as per NSF 61.

Safe Handling Information

Xycrylic is alkaline and has a slight ammonia odor. This product may be a mild to moderate skin and eye irritant. In addition, many of the components of the cementitious products that are used in conjunction with the Xycrylic may also possess significant skin and eye irritation

potential.

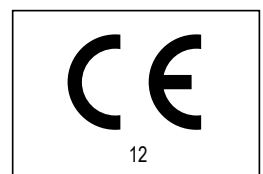
Directions for treating these problems are clearly detailed on all Xypex pails and packaging. The Manufacturer also maintains comprehensive and up-to-date Safety Data Sheets on all its products. Each sheet contains health and safety information for the protection of workers and customers. The Manufacturer recommends you contact Xypex Chemical Corporation or your local Xypex Representative to obtain copies of Safety Data Sheets prior to product storage or use.

Warranty

The Manufacturer warrants that the products manufactured by it shall be free from material defects and will be consistent with its normal high quality. Should any of the products be proven defective, the liability to the Manufacturer shall be limited to the replacement of the product ex-factory. The Manufacturer makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties expressed or implied. The user shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith.



Certified to NSF/ANSI/CAN 61



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