

TECHNICAL DATA

Product No.
41.144

LEYCOSIT-SF

WATER-BASED, HIGH SOLIDS, POLYMER DISPERSION DESIGNED FOR FORTIFYING PORTLAND CEMENT COMPOSITIONS

DESCRIPTION

LEYCOSIT-SF is a water-based, high solids, 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. LEYCOSIT-SF is also used to fortify LEYCOSIT-SP Plug.

RECOMMENDED FOR

- Patching and Concrete Repairs
- Resurfacing Floor Underlayments
- Terrazzo Flooring
- Spray and Fill Coats
- Highway and Bridge Deck Repair

ADVANTAGES

- Hardens and toughens cement mortars for improved durability
- Enhances adhesion capabilities to a wide variety of surfaces
- Increases resistance to many industrial chemicals
- Eliminates water curing

DURABILITY AND STRENGTH

Cement mortars modified with LEYCOSIT-SF are hard, tough and durable. Compared with unmodified mortars, LEYCOSIT-SF modified mortars have far superior flexural, adhesive and impact strengths as well as excellent abrasion resistance. They are especially useful where thin sections are desirable and where excessive vibration and heavy traffic is encountered.

ADHESION

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

RESISTANCE PROPERTIES

Cement mortars modified with LEYCOSIT-SF are resistant to many industrial chemicals as well as ultraviolet light and heat. Mortars containing LEYCOSIT-SF dry to a uniform color.

APPLICATION PROCEDURES

LEYCOSIT-SF may be used full strength or diluted with clean water depending on application requirements.

FOR USE WITH CEMENT MORTAR

1. Thoroughly premix sand and cement (1 part cement to 2 parts sand).
2. Blend LEYCOSIT-SF with water according to strength, bonding and resistance requirements.
3. Add the LEYCOSIT-SF liquid (whether full strength or diluted with water) to the sand and cement.
4. Mix thoroughly until desired workable consistency is reached. Always withhold some LEYCOSIT-SF liquid so that the mortar will not be too fluid and so that mixing liquid can be carefully gauged near end of mixing cycle (2 - 4 minutes).

FOR USE WITH LEYCOSIT-SP PLUG

1. Blend LEYCOSIT-SF with clean water (1 part LEYCOSIT-SF to 1 part water by volume).
2. Add LEYCOSIT-SF mixing liquid to the LEYCOSIT-SP Plug powder at a rate of 1 part liquid to 3.5 parts LEYCOSIT-SP Plug.
3. Mix to a stiff putty consistency. Do not mix more than can be used in three minutes.

CURING

For optimum physical properties, cement mortars modified with LEYCOSIT-SF should be air-cured at ambient temperature and relative humidity.

MIXING

LEYCOSIT-SF may be used full strength or diluted with clean water depending on application requirements.

PACKAGING

LEYCOSIT-SF is available in 3.79 litre and 19.95 litre bottles.

STORAGE

Keep LEYCOSIT-SF from freezing.

TECHNICAL SERVICES

For more instructions, alternative application methods, or information concerning the compatibility of the LEYCOSIT treatment with other products or technologies, contact the Technical Department of LEYCOCHEM.

SAFE HANDLING INFORMATION

LEYCOSIT is alkaline. As a cementitious powder or mixture, LEYCOSIT may cause significant skin and eye irritation. Directions for treating these problems are clearly detailed on all LEYCOSIT buckets and packaging. The Manufacturer also maintains comprehensive and up-to-date Material Safety Data Sheets on all its products. Each sheet contains health and safety information for the protection of your employees and customers. Contact the Technical Department of LEYCOCHEM, or refer to our internet website www.leyde.com to obtain copies of Material Safety Data Sheets prior to product storage or use.

REMARK

Whilst information and/or specification contained herein is to the best of our knowledge true and accurate, and is based on many years experience, we cannot accept any liability either directly or indirectly arising from the use of our products, whether or not in accordance with any advice, specification or recommendation given by us, as we have no direct or continuous control over how or where our products are applied.

LEYDE-PRODUCTS are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale.