

ZORISCOTT

ZORISCOTT is a world class, construction grade, purpose designed, acrylic co-polymer latex/emulsion of white colour specifically designed to work as a high-performance bonding agent and cement fortifier. Cement mixes modified with **ZORISCOTT** are very beneficial and useful in new constructions, critical/typical repairs and structural rehabilitation. **ZORISCOTT** dramatically improves the bond strength, waterproofing property, workability, abrasion resistance, impact resistance and other properties of cement mortar/concrete and helps in problem-free installations.

TYPICAL PROPERTIES

- Appearance : Liquid
- Colour : White colour

ADVANTAGES



Multipurpose product.
Economical and easy-to-use



Improves the erosion resistance
& prevents corrosion



Forms 300-400 micron thick
layer in two coats of application



High bonding strength.
Improves hardness &
prevents dust generation



It prevents cracking by
improving flexural strength



Improves the abrasion
resistance of the cement mix



Excellent as a cement modifier



Reduces viscosity of the cement
injection grout for better fluidity
& bonding



Prevents bleeding, segregation,
shrinkage cracks & efflorescence



Reduces the drying
& aging shrinkage of concrete

AREA OF USAGE

- **ZORISCOTT** modified cement mortar/concrete are crack resistant, waterproof and weather resistant. **ZORISCOTT** is used in preparing thin-set patches, floor screeds, plasters & toppings for obtaining excellent bonding strength and a very tough, hard-wearing surface.
- Durable with high flexural strength in thin-section concrete.
- **ZORISCOTT**-cement slurries are very useful as a sealer-primer for both porous walls and floors.
- Ideal bonding agent for construction joints, excellent bonding of new concrete to old concrete.
- Increased strength of masonry, thin set mortars.
- High adhesion & bonding, waterproofing, weather resistance, much improved tensile, flexural strength in concrete repair mixes used for structural rehabilitation, typical/critical repairs.
Waterproofing of ponded water installations like water tanks, swimming pools & basements.
- **ZORISCOTT** modified cement slurries, when coated on steel surfaces, prevents rusting and inhibits corrosion.
- Very useful mortar additive for fixing dense ceramic tiles, marble, granites onto concrete, cement render and rendered/plastered brick work.
- Cement paint additive – transforming ordinary cement paint into a very tough, durable, smooth & non-powdering water proof surface.

APPLICATION INSTRUCTIONS

Surface Preparation:

- All surfaces should be structurally sound, clean and free from dust, oil, grease, curing compounds and any loose or poorly-bonded materials.
- Thoroughly pre-wet all cement/concrete surfaces with clean water to a saturated surface-dry condition to reduce absorption.

Repair to damaged concrete:

- Break-out the complete area to reach sound concrete.
- Expose the corroded steel in the repair area, clean the full circumference area with a wire brush to remove rust, loose scales and corrosion deposits.
- Apply **ZORISCOTT** modified cement slurry on the steel reinforcement.
- Apply **ZORISOCTT** modified cement slurry on the cleaned concrete surface as a bond-coat.
- Pour micro-concrete/modified concrete on to the base concrete.

Mixing:

- **ZORISCOTT** modified mortar should be thoroughly mixed in such a way that foaming and air entrapment is avoided.
- Cement, sand and wherever required, aggregate should be dry-mixed by hand or in the machine for half to one minute. Add pre-mixed **ZORISCOTT** and clean water into the cement mix, continue mixing (3 to 5 minutes) until smooth and a homogeneous consistency is achieved. Additional water can be added to achieve the required workability for the specific application.

Cleaning:

Immediately after the application of **ZORISCOTT**, clean the tools, equipments and the mixing container/concrete mixer using water or the removal of dried hardened **ZORISCOTT** will become difficult.

SHELF LIFE

At least 2 years from the date of manufacture in the original sealed condition.

STORAGE

Low or high temperature storage should be avoided and the material should preferably be stored within the temperature range of +5°C up to +35°C.

SERVICES

For further information on this product and its application, please contact the Technical Services Department of Nerofix Pvt. Ltd.

IMPORTANT NOTICE

Whilst all reasonable care is taken in the compilation of this data sheet, it is the customer's responsibility to determine the suitability of the product for the desired application

DISCLAIMER

KANSAI NEROLAC PAINTS LTD. (KNPL) warrants that all products are free from any defects of manufacturing and comply with the specifications given in their respective technical data sheet. No warranty can be given as to the results of use because conditions of use, such as site conditions, surface preparations, workmanship, weather, structural issues and other factors are beyond the control of NEROLAC. Purchaser agrees to seek the advice of qualified professionals to carry-out tests and take trials to determine the suitability of products for their intended purpose, prior to full-scale usage of KNPL products and assumes all risks.

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NEROFIX PRIVATE LIMITED

REGD OFFICE: 111, THE GREAT EASTERN GALLERIA, PLOT NO. 20, SECTOR -4 NERUL (WEST),
NAVI MUMBAI - 400706, MAHARASHTRA, INDIA

FOR CONSUMER COMPLAINTS AND FEEDBACK, REFER TO THE REGD. OFFICE OF NEROFIX PRIVATE LIMITED OR CONTACT THE MANAGER, CONSUMER CARE CELL AT: 8291715780 OR EMAIL TO: customercare@nerofixindia.com