

CCI NEO TILEFIX

Single-pack Premixed Water-resistant Cementitious Polymer-modified Multipurpose Tile Adhesive

Description

CCI Neo Tilefix is a ready-to-use, thin or thick bed, water-resistant, pre-mixed single component, cementitious polymer-modified high strength tile adhesive in powder form for fixing Ceramic, Mosaic, Marble, and Granite Tiles.

Domains of Application

- ✓ Bonding Ceramic, Mosaic, Marble and Granite Tiles to concrete surfaces, floors, and walls
- ✓ Can be used in shower recesses and swimming pools where continuous or intermittent immersion in water occurs
- ✓ Can be used for fixing Aerated Autoclave Lightweight Concrete Blocks from Fly Ash (AAC) and insulating and acoustic boards based on expanded polystyrene plastics

Advantages

- ✓ Can be used on damp substrates
- ✓ Offers high adhesive bond strength
- ✓ Excellent slip resistance
- ✓ High early strength
- ✓ Fast curing
- ✓ Long open wet time (up to 20 minutes)
- ✓ Thixotropic property
- ✓ Tropicalised and eco-friendly; offers no health hazards to users
- ✓ Economical

Indicative Characteristics

Appearance	Grey powder
Mixed density	~ 2.1 kg/L
Workable time	60 minutes
Light Foot Traffic	Overnight when applied as thin bed
Theoretical Coverage	3 kg to 4 kg/m ² when applied 6 mm notched trowel
Pull-off bond strength	> 1 N/mm ² (No bond failure)

Method of Application

Surface Preparation

The surface should be structurally sound and free from dust, grease, oil, etc. Dampen porous surface for at least one hour prior to application of **CCI Neo Tilefix**. Ensure that the surface is only saturated surface dry.

Mixing

For 1 kg of **CCI Neo Tilefix**, about 200 mL to 250 mL of water is to be mixed. A slow speed paddle is recommended. Add the powder gradually to water and mix until a uniform sump-free consistency is obtained. This must be used within an hour.

Application Method / Tools

Spread out the paste above on the substrate to uniform thickness of 2 mm to 3 mm bed by using a suitable notched trowel at approximately 45° angle to the surface. Place tiles firmly on adhesive bed ensuring good contact twisting motion. If **CCI Neo Tilefix**, mixed with water, dries due to excessive delay in placing tiles, remove adhesive and apply fresh material.

Packaging

30 kg waterproof laminated HDPE bags.

Shelf Life & Storage

12 months from the date of manufacturing when stored in un-opened, original sealed and dry condition at a temperature range from +5°C to 40°C.

Precautions

- ✓ Preferably store in sealed conventional containers, protected from extreme weather conditions.
- ✓ Clean all tools and application equipment with water before it set. Clean immediately after use. Hardened / cured material can only be mechanically removed.

Safety

- ✓ Wear hand gloves, safety shoes and safety goggles while using and handling the product.
- ✓ In case eyes or mouth are affected, wash with plenty of clean water and seek medical treatment immediately.

Before use, refer to the Material Safety Data Sheet (MSDS). The MSDS is available on www.ccichemicals.in or contact us at info@ccichemicals.in.

Registered Office	Regional Office	Chennai Plant	Mumbai Plant
Office No. 210 Shah Heritage Commercial CHS Plot No. 9, Sector 48, Seawood Navi Mumbai – 400 706 Maharashtra, India Mobile: +91 93247 27785 E-mail: kashinath.bera@ccichemicals.in	'LAKSHMAN MANERE' Old No. 17/2, New No. 42/2, R Block 6 th Main Road, Anna Nagar West Chennai – 600 040 Tamilnadu, India Mobile: +91 98400 73183 E-mail: durai.murugan@ccichemicals.in	No. 1, Perumal Koil Street Azhinjivakkam Sriperumpudhur Thiruvallur – 602 105 Tamilnadu, India	Plot No. A-51 Taloja Industrial Area MIDC, Taloja Navi Mumbai – 410 208 Maharashtra, India