

ANEEB TILE ADHESIVE TII

Modified Polymer Based Cementations High Bond Strength adhesive for Tiles

DESCRIPTION

ANEEB TILEADHESIVE TII is a single pack powder polymerized cementations system developed by years of intensive research to provide ultimate solution for permanent fixing of expensive tiles or slabs of granite, marble, mosaic, ceramic, etc.

It is used as a thin bed (1.5 - 2mm) adhesive having most desirable properties like high bond-strength, longer open time, highly waterproof with increased resistance to oils, soaps, chemicals, etc.

STANDARD

Conforms to the requirements for tensile adhesive strength of BS 5980-1980, class AA, A & B.

USE

For bonding of wall and floor tiles / slabs of all types in exterior or interior positions, e.g. Toilets, bathrooms, shower recess, kitchens, laundries, swimming pools, laboratories, building exteriors, etc. It is also suitable for application over asbestos cement sheet, plywood, hardboard, and tile-on-tile.

ADVANTAGES

- Excellent bonding strength with all common building materials – Non-shrink.
- Cementations polymer–Forms an impermeable / waterproof mortar bed.
- Sufficient open time for easy placing–2 hrs. (at 30°C)
- Excellent adhesion on smooth surfaces–Fixing tile-on-tile possible, thus reducing labor cost substantially in case of retiling work.
- Does not require external curing–Self cure.
- Chloride–Free, non-toxic–Suitable for drinking water storage facilities.
- Easy to apply–Single pack, only addition of water required at site.

TECHNICAL DATA

Form	Grey cementations powder (White Cement based product also made available on request)
-------------	---

Density	Powder – 1400 Kg / m ³ Mixed material – 2/ M ³
----------------	---

Water/ Powder Ratio	0.27
----------------------------	------

Pot Life	2 Hrs. approx.
-----------------	----------------

Open Time	>1 Hr. (Applied tiles can be moved for adjustments)
------------------	--

Setting Time	
---------------------	--

Initial	12 Hrs.
----------------	---------

Final	36 – 48 Hrs.
--------------	--------------

Compressive Strength (Typical)	
---	--

3 Days	10
---------------	----

7 Days	15
---------------	----

28 Days	20
----------------	----

Bonding Strength Typical on 28 Days (N/mm²)	
---	--

Tile on mortar	>2
-----------------------	----

Tile on concrete	>3
-------------------------	----

Tile on steel	>1
----------------------	----



ANEEB TILE ADHESIVE TII

APPLICATION

Surface Preparation

All surfaces must be thoroughly cleaned and made sound, free from oil or grease, laitance, loose mortar, paint, wallpaper, etc. Cementations surfaces must be thoroughly wetted to achieve saturated surface dry condition. Presetting is not essential in case of smooth surfaces.

Mixing

ANEEB TILEADHESIVE TII should be added slowly to water to avoid lump formation in the ratio of 3.5:1 to 4:1 by weight. A slow speed drill fitted with mixing paddle is recommended. For hand mixing, use small quantities at a time. During hot season, Use chilled water for longer open time.

Application Instructions

ANEEB TILEADHESIVE TII paste should be applied on the prepared surface to a uniform thickness of 2.5–3mm. This should be then combed criss-cross with a notched trowel. The tiles should be firmly placed by applying pressure and with a twisting motion on to the adhesive bed to achieve good contact and final applied thickness of paste to 1.5–2mm.. Excess paste should be removed with a damp cloth before it starts setting. Joint finishing may be undertaken after 24hrs. of fixing of tiles.

COVERAGE

Per sq. mt. consumption of **ANEEB TILEADHESIVE TII** when applied at an uniform thickness of 2.5mm, is approximately 3Kg, or 2 Kg with 1.5mm thickness. In case of uneven surface, material consumption will increase. Therefore, it is strongly recommended to make the surface even by using a layer of rich cement-sand mortar.

SHELF LIFE

6 months if kept in unopened bags under dry warehouse conditions.

PACKING

ANEEB TILEADHESIVE TII is available in 20 Kg bags.

HEALTH & SAFETY

ANEEB TILEADHESIVE TII is mildly alkaline having fine dispersible particles. Hence, precaution should be taken to avoid inhalation of dust or direct contact with skin and eyes during use.

WARRANTY

Our products are manufactured under stringent National / International quality norms and guaranteed against any manufacturing defect. Recommendation as per this data sheet are based on our team's combined practical experience and exposure over 11 years in the field of construction and are believed to be most appropriate. However, no liability can be accepted by us, as the conditions of use of such products are beyond our control.

TECHNICAL SERVICE

- **ANEEB** has an advisory service on concrete mix design & application of right products at right place, can be contacted if assistance is required.
- **ANEEB** maintains a technical division with highly qualified Technical Personnel to investigate and advise on subjects related to concrete and the Construction Industry. The Division will advise on the correct use and selection of right products at the right place.
- **ANEEB** undertakes Consultancy Service for diagnosis and rehabilitation of distressed structures; undertakes / delegates jobs as a package for total waterproofing system with guarantee.