



**NATIONAL TILE ADHESIVE
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

NATIONAL TILE ADHESIVE

PRODUCT DESCRIPTION	National Tile Adhesive is a general purpose, single component ready for use type adhesive, based on special water dilutable polymer with graded fillers and tack promoting additives, for permanent fixing of ceramic tiles on dry surfaces. It has good slip resistance and high adhesive bond strength. It is a non-flowing thick paste material, having good workability and open wet times for interior/exterior applications. It contains antifungal and antibacterial additives.
RECOMMENDED USES	National Tile Adhesive is recommended for the permanent fixing of ceramic tiles on vertical walls and horizontal floors. It can also be used for fixing of insulating and acoustic boards based on expanded polystyrene. It is mostly used for the tile fixing jobs in kitchen, floors, bathrooms, decoration rooms, etc. It is not recommended for damp surfaces and totally submerging conditions like swimming pool applications, etc.

TECHNICAL DATA

COLOUR OF LIQUID	Off White
APPEARANCE	Thick, non-flowing paste.
ODOUR	Mild.
SPECIFIC GRAVITY	1.48 ± 0.05
THEORETICAL SPREADING	Depends on the surface and nature of tile.
RECOMMENDED WFT (WET FILM)	Approx. 2 – 3 mm.
FLASH POINT	Water Base

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
OPEN WET TIME	15 – 20 minutes
JOINT GROUTING	24 hours

ADVANTAGES

NATIONAL TILE ADHESIVE SYSTEM	High adhesive bond strength, good slip resistance, good workability and open wet time, ready for use type, easy for application, mild odour, water based.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.
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APPLICATION DATA

APPLICATION METHOD	Trowel, scraper, putty knife, etc.
CLEANING/THINNING	Water
THINNER (VOLUME)	Ready for use

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	National Tile Adhesive is spread on the substrate to a uniform thickness of 2 – 3 mm. This is then combed horizontally for smooth backed tiles. Place tiles firmly into adhesive bed ensuring good contact with a twisting motion. Remove excess adhesive with a damp cloth before material has set. Joint grouting may be commenced 24 hrs after tiles have been laid.
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ADDITIONAL DATA

SHELF LIFE @ 30°C	18 months, in original sealed container, with proper storage conditions.
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HEALTH & SAFETY

SAFETY PRECAUTIONS	Generally, most of the water base paints are quite safe to handle with due precautions. As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. Local safety regulations to be followed.
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STORAGE & HANDLING

STORAGE	Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not keep paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.
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NOTE: We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests.
We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.
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