



MCON RASAYAN PVT. LTD.

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MCON NSA GREY

GREY TILE ON TILE ADHESIVE FOR
FIXING VITRIFIED AND CERAMIC TILES

Product Description :-

MCON NSA GREY is a packed cementitious tile adhesive mainly consists of high-strength cements, selected silicon/quartz mineral charges and specific additives. It is ideal for concrete, plaster and also tile substrates. It is an adhesive for the permanent fixing of ceramic tiles both in damp and submerged conditions. MCON NSA GREY can also be used for fixing tile on tile.





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Fields Of Use :-

- ✓ Fixing poorly absorbent or non-absorbent materials such as : single fired tiles, split tiles and refined porcelain stoneware, outdoor use, indoor use on walls and floors ; for fixing absorbent tiles made of : cotto, twice-fired, single-fired ceramic.
- ✓ Suitable for use when high performances are required, such as : tile fixing in industrial environments, or fixing on top of old ceramic tiles, in swimming pools or on facades.
- ✓ Fixing on heating floors.
- ✓ Spot-gluing insulating panels made of polystyrene, polyurethane foam, rock or glass wool.
- ✓ Fixing natural stone and marble, so long as they are not affected by water.
- ✓ For tiles & stones having weight of < 35 kg / m².

Amount Required :-

Trowel	6 x 6 mm	8 x 8 mm	10 x 10 mm
MCON NSA GREY	3 Kg / m ²	4 Kg / m ²	5 Kg / m ²





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Features & Benefits :-

- ✓ Prepacked factory controlled ensures consistent quality.
- ✓ Excellent adhesion - hence can be used for tile on tile applications apart from fixing tiles on concrete and plaster substrates.
- ✓ Easy to use.
- ✓ Excellent waterproofing characteristics.
- ✓ Gives sufficient time to set the tiles.
- ✓ Good slip resistance.
- ✓ Ensures perfect watertightness.
- ✓ Extended open time.
- ✓ Spreads quickly and easily.



Technical Specification :-

Areas of Application	Compatibility	Recommended Thickness
Walls	Very Good	4 mm
Floors	Very Good	3 mm
Interiors Overhead	Good	4 mm
Wet Areas	Very Good	6 mm
Tile on Tile	Very Good	5 mm



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Technical Information :-

Bed Thickness:	4 - 6 mm		
Open Time:	30 Minutes		
Pot Life:	6 hours		
Setting Time:	Approx. 50 min		
Temperature Resistance:	-5° C to 80° C		
Dry Density:	1.50 - 1.55 g/cc		
Wet Density:	1.60 - 1.65 g/cc		
Can be subjected to traffic	*After 24-36 h		
Floor tiles can be grouted	*After 24-36 h		
Wall tiles can be grouted	*After 4-6 h		
Surface can be used	*After 14 d (21 d tanks and swimming pools)		
Creep on a vertical wall	0 mm °	Reqd. ≤ 0,5 mm EN 1308	
Compressive strength	14 N/mm²	EN 196	
Curing Time	10 Minutes		
Emission VOC	EC1 very low emission	< 200 ug/m³ TVOC	r.p. n0 769358 Eurofin



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- According to standard EN 12004
- These times refer to a temperature of 23°C — 50% RH. They become shorter with higher temperatures and longer at lower temperatures.

Areas Of Application :-

MCON NSA GREY is a high quality adhesive for permanent fixing of ceramic & vitrified tiles. Used for fixing of insulating & acoustic boards.

Also used in interior wet areas like kitchens & bathrooms for fixing absorbent tiles of small formats indoors, on walls and floors.

Method of Application :-

MCON NSA GREY should be mixed with water in the ratio of 1:4 by volume with the help of slow speed drill having paddle attachment.

Blend until a homogeneous, lump-free mixture is obtained.

After mixing, 3-4 mm thick bed of MCON NSA GREY should be spread with the help of trowel and grooves shall be shaped zig-zag using a scraper.

The product obtained is a creamy paste that can be easily applied with a trowel and that possesses optimum thixotropic thixotropy.

Tiles should be fixed keeping line and length into consideration. Excess adhesive should be removed before material has set.

Joint grouting may be commenced 24 hours after laying of tiles.
Curing: Joint grouting of tiles laid on MCON NSA GREY can be done after 24hrs.





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Warnings and Recommendations :-

Do not apply:

to plasterboard, old floors in wood, vinyl flooring, metal on large formats outdoors

at temperatures less than 5°C or more than 50°C

in layers more than 6 mm thick



Coverage :-

20 kg of MCON NSA GREY will cover 4 to 5 m² with recommended thickness of 3 to 4 mm.



Shelf Life & Storage :-

MCON NSA GREY will have a shelf life of 12 months in unopened containers when kept in dry conditions at a temperature between 5°C to 45°C.

Storage at higher temperature or high humidity may reduce shelf life.



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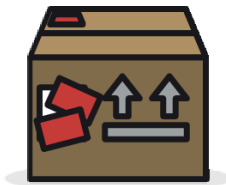
Health & Safety :-

MCON NSA GREY is non-toxic. However, splashes on the skin should be washed well with water and in contact with eye occurs, wash well with water and seek medical advise.



Packing :-

MCON NSA GREY is supplied in 20 kg HDPE bag.



**(Mcon Rasayan has maintained the highest level of Quality and Consistency by following Systems and is certified as an ISO 9001 : 2015, ISO 14001:2015 & ISO 18001:2015 Company.)*