



MCON RASAYAN PVT. LTD.

Trusted Partners In Construction Chemicals

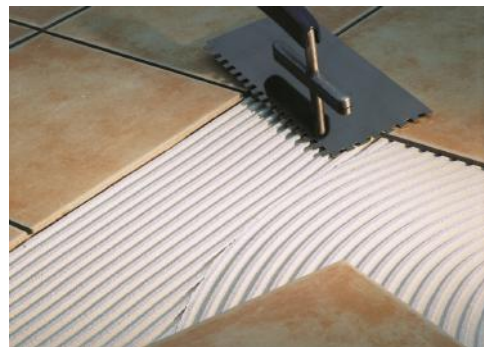


MCON NSA GREY (GOLD)

HIGH PERFORMANCE GREY ADHESIVE
FOR FIXING LARGE FORMAT MARBLE,
GRANITE AND STONE

Product Description :-

High polymer modified, cement-based wall and floor marble, granite adhesive. NSA GREY (GOLD) is suitable for fixing large format marble, granite and natural stones in interior and exterior situations, including swimming pools. MCON NSA GREY is ideal for concrete, plaster and also tile substrates. It is an adhesive for the permanent fixing of Marbles and all type of tiles both in damp and submerged conditions.





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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 < 60 kg / m².

Amount Required :-

Trowel	8 x 8 mm	10 x 10 mm	Ø 15 mm
MCON NSA GREY (GOLD)	3 Kg / m ²	4 Kg / m ²	5 Kg / m ²





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Features & Benefits :-

- ✓ Pre-packed factory controlled ensures consistent quality with CE certification.
- ✓ High Bond strength with no shrinkage - hence can be used for large format fixing applications apart from fixing marble on concrete and plaster substrates.
- ✓ Good slip resistance.
- ✓ Extended open time.
- ✓ Spreads quickly and easily.
- ✓ Excellent waterproofing characteristics.



Areas of Application :-

- ✓ Suitable for fixing at 3 - 6 mm bed thickness (can be extended up to 12 mm in area of limited extent) wall and floor tiles, mosaics, granite, marble, terrazzo and natural stone.
- ✓ The set adhesive is water resistant and is suitable for use in showers and totally immersed situations such as swimming pools.
- ✓ MCON NSA GREY (GOLD) should be mixed with water in the Water Powder 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.



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Technical Information :-

Bed Thickness:	4 - 6 mm	
Open Time:	10 - 15 minutes	
Pot Life:	3 hours	
Setting Time:	24 hours	
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 4-6 h	
Floor tiles can be grouted	*After 4-6 h	
Wall tiles can be grouted	*After 2 h	
Surface can be used	*After 48 h (72 h tanks and swimming pools)	
Creep on a vertical wall	0 mm °	Reqd. ≤ 0,5 mm EN 1308
Bond after 24 h	0.8 N/mm ²	Reqd. > 0,5 N/mm ² EN 1348
Pull Out Bond Strength	1.1 Mpa	@14 days
Compressive strength	12 N/mm ²	EN 196



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Curing Time	10 Minutes
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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.

Method of Application :-

Spread NSA GREY (GOLD) on the surface not more than 2 sq.m. at a time, apply the adhesive to the wall or floor surface.

Comb the adhesive to the required depth (between 3 - 6 mm) using a suitable trowel.

Press the marble firmly into position with a slight twisting action, checking periodically that good contact is maintained with the back of each tile.

Leave no voids behind tiles when solid-bed fixing.

Tiles should be fixed within 20 minutes of adhesive being applied, depending on the porosity of the surface and atmospheric conditions.

Tiles can be adjusted up to 10 - 15 minutes after fixing. Touch the adhesive ribs periodically and if a skin has formed, remove the adhesive and apply a new layer.

Leave adequate joints between individual wall and floor tiles unless self spacing tiles are used.

Clean off surplus adhesive from the tile face and between joints.

Do not use in damp conditions and temperature less than 5° C.



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Standards :-

MCON NSA GREY (GOLD) meets the performance requirements of BS.5980:1980 (The United Kingdom) and is a CE Certified Product. It is a ISI Certified Product as per IS 15477.

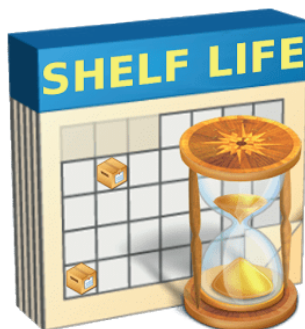
Coverage :-

20 kg cover 3 to 3.5 m² with recommended thickness of 4 to 5 mm.



Shelf Life & Storage :-

MCON NSA GREY (GOLD) will have a shelf life of 12 months in unopened bags 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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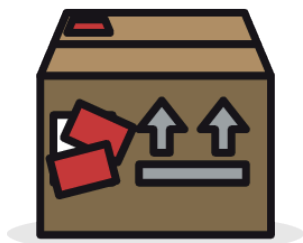
Health & Safety :-

MCON NSA GREY (GOLD) 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 advice.



Packing :-

MCON NSA GREY (GOLD) 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 and ISO 9001 : 2015, ISO 14001:2015 & ISO 18001:2015 Company.)*

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