

NSA Diamond is white cement based material for fixing vitrified tiles and glass tiles over concrete or plaster surface. Vitrified tiles like Marbo Granite and Glass Mosaic tiles are non-porous, non-absorbing and heavier thus fixing them with conventional method is not desirable. **NSA Diamond** is ideal for fixing these with excellent bonding properties.

WHERE TO USE:

For fixing of Glass & Vitrified tiles on floor & walls.

HOW TO USE:

A) Preparation:

The surface, which is to be tiled, should be pre-cleaned to remove all traces of oil, grease or other such contaminants which affects adhesion.

B) Mixing:

NSA Diamond powder is to be mixed with water at a volumetric ratio of 3:1. Take the required quantity of water in a clean ghamela and mix the **NSA Diamond** powder gradually to achieve a paste. Allow the material to stand for 5-7 minutes for the polymer to get activated. Then mix and apply the material by a trowel or any such suitable tool.

C) Application:

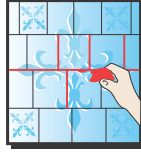
Fixing of vitrified tiles like marbogranite can be done by two methods Buttering Method and Notched Trowel method the prepare paste is applied on the surface and combed evenly. The tiles should be pressed over the combed adhesive mortar. Glass Mosaic Tiles are fixed with utmost care, the prepared paste is to be Spread over the surface at 1 or 2 mm thickenss evenly and Glass Mosaic Tiles are pressed into the applied mortar in patch manner. Glass Mosaic tiles are tiny in size and fixed in cluster manner so tackle about 10 sq.ft.

POT LIFE:

NSA Diamond mixed with water can be used on hour at an ambient temperature of 30°C. However factors like temperature, humidity and wind will affect to pot life.

6 ADVANTAGE:

• **NSA Diamond** is having very good bonding and nonporous also. Thus it is deal for vitrified tiles.



- **NSA Diamond** doesn't shrink, as it is self-curing material with no cure.
- **NSA Diamond** saves the aesthetic beauty of Glass Tiles/Vitrified Tiles.
- **NSA Diamond** water proofs the tile surface.
- **NSA Diamond** water can be applied at low thickness of 2 mm with excellent bonding properties.
- **NSA Diamond** gives very good coverage.

SETTING TIME:

NSA Diamond sets in 24 hours time at a temperature of 30°C. Humidity, wind will affect the setting time.

COVERAGE: 20 kg of **NSA Diamond** covers approximately 60-70 sq.ft on smooth and even surface, at 2-3 mm thickness.

PACKING:

20 Kg Bag.

SHELF LIFE:

For better result use within 6 months from the manufacturing.

STORAGE:

Keep the material in a cool and dry place. Since it is cement based material **NSA Diamond** should be storage in airtight condition.

PRECAUTION:

Fixing of glass tiles required skilled or trained worker only. Kindly consult the tile manufactures or our technical department.

IMPORTANT NOTE: Performance of products depends on strict adherence to Aquaproof guidelines. Aquaproof will not be responsible for failure due to improper usage/application. The coverage/yield is given for guidance only & actual field trails are recommended to as certain the exact coverage/yield.



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