



## NSA<sup>®</sup> FLEX 40

(Strong Adhesive For Stone & Cladding.)

**NSA FLEX 40** is a highly polymer modified, flexible, cementitious, high performance adhesive for fixing different types of tiles and natural stone on wall and floor where slight movement & vibration is expected. Also suitable for fixing tiles and/or stone on outer walls at high rise building or any type cladding.

**WHERE TO USE:** It can be used for interior & exterior application of granite, marble, ceramic, vitrified tiles and natural stone. It is suitable for plaster, cement screeds, plaster boards and pre-cast concrete surfaces.

### HOW TO USE:

**(A) SURFACE PREPARATION:** Surface must be free of dust, oil and grease, dry and free from moisture. If any such contaminants are found, clean thoroughly by dry brushing or any other suitable method. Ensure that the surface is flat, stable, well cured, adhered and has no absorption. Correct and repair undulation/damage on the surface at least 72 hours before the application of NSA FLEX 40.

**(B) MIXING:** Mix 3 parts of NSA FLEX 40 to 1 part of water gradually by using suitable stirrer to achieve a smooth and workable paste. After mixing, allow the paste to stand for 5 minutes to get the chemical activated.

**(C) APPLICATION:** Apply thin/thick layer of NSA FLEX 40 over the surface with the smooth edge of a trowel and comb the applied adhesive to achieve the desired thickness. Press the tiles onto NSA FLEX 40 to ensure good adhesion properties.

### ADVANTAGES:

- It is flexible adhesive for application on different types of surface.
- It is ready to use, single component.
- Crack resistant & waterproof.
- Suitable for different kind of tiles, granite, marble and stone in large formats application.
- Non slip.
- Excellent adhesion properties.
- Self curing product.
- No shrinkage.
- Internal and external use.

### COVERAGE:

20-25sq.ft./20kg bag at 3-4mm thickness.

12-15sq.ft./20kg bag at 7-8mm thickness

**STORAGE:** Keep the material in a cool and dry place. Since it is cement based material, NSA FLEX 40 should not be exposed to direct atmospheric conditions. A partially used bag should be stored in airtight conditions.

**PRECAUTION:** Fixing of stone & tiles in the long format requires skilled or trained worker only.

SHELF LIFE:	PACKAGING:
For better result use within 12 months from the mfg date.	20kg bag.

### TECHNICAL SPECIFICATIONS:

PROPERTIES	RESULT
Physical appearance	free flowing granular powder in white colour
Bulk Density	1.30 - 1.40 g/cc
Bed thickness	Thin layer - 3 to 4 mm Thin layer - 7 to 8 mm
Set time	6 - 7 hours
Open time tile fixing (27 ± 2°C)	30 minutes
Pot life	90 minutes (At 25°C)
Drying time	24 hours
Tensile adhesion strenght @ 28 days	Intitial > 1 Mpa After immersion > 1 Mpa >
Compressive strenght @ 28 days	7 Mpa

#### Corporate Office:

601, Corporate Arena, Off. Aarey Piralal Cross Rd., Goregaon (W), Mumbai - 400104  
 Tel: 022-46038393 Email: [info@aquaproofindia.com](mailto:info@aquaproofindia.com) | Website: [www.aquaproofindia.com](http://www.aquaproofindia.com)