



## NSA<sup>®</sup> NO.1 SILVER

(Tile Fixing Adhesive (Type - I))

**NSA No.1 Silver** is a cement based material for fixing tiles on the floor. It is a coarse powder. It is easy to use, very economical and has excellent bonding and water proofing properties.

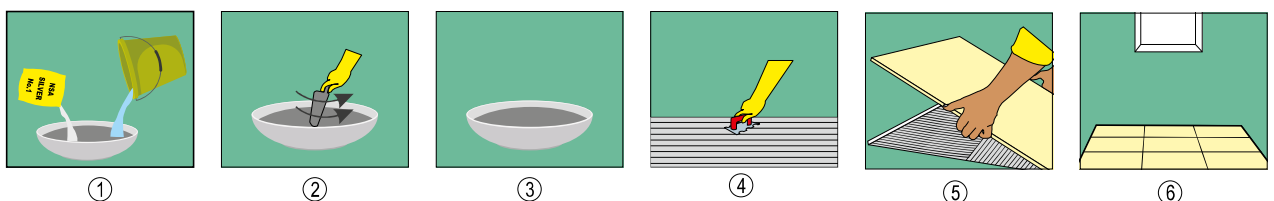
**WHERE TO USE:** It can be used for fixing of tiles on floors.

### HOW TO USE:

**(A) SURFACE PREPARATION:** The floor which is to be tiled should be pre-cleaned to remove all traces of coating, oil, grease or other such contaminations.

**(B) MIXING:** NSA No. 1 Silver powder is to be mixed with water at a volumetric ratio of 3.5:1. Take the required quantity of water in a ghamela and mix the NSA No. 1 Silver powder gradually to achieve a paste. Allow the material to stand for 5-7 minutes for the polymers to get activated. Then remix and apply the material by a notched trowel or any such suitable tool.

**(C) APPLICATION:** Generally tile fixing is done by two methods- buttering method, notched trowel method. NSA No.1 Silver can be used for both types of applications. In buttering method, the prepared paste is applied evenly behind the dampened tiles, then fixed on the floor. In notched trowel method, the prepared paste is applied by a notched trowel on the floor first and then combed evenly. The dampened tiles should be pressed over the combed adhesive mortared floor.



**COVERAGE:** 20kg of NSA No.1 Silver covers approximately 30-40sq.ft. on smooth and even surface at 2mm thickness.

**ADVANTAGES:**

- It can be applied even at a low thickness of 2mm with excellent bonding properties, hence it provides more coverage.
- It has excellent bonding properties and it is not necessary to hack the floor or use a mechanical key.
- It waterproofs the tiled floor.
- It is a self-curing material & requires no extra curing.
- It stops shrinkages of cement hence stops cracking of tiles.

**POT LIFE:** NSA No.1 Silver mixed with water can be used within one hour at an ambient temperature of 30°C. However factors like temperature, humidity, wind will affect the pot life.

**SETTING TIME:** NSA No.1 Silver sets 24 hours time at an ambient temperature of 30°C. However factors like temperature, humidity, wind will affect the setting time.

**STORAGE:** Keep the material in a cool, dry place since it is a cement based material. NSA No.1 Silver should not be exposed to direct atmospheric conditions. A partially used bag should be stored in airtight conditions.

**PRECAUTION:** NSA No.1 Silver is recommended for the regular tiles only.

SHELF LIFE:	PACKAGING:
For better result use within 12 months from the date of manufacturing.	20 & 50kg bag.

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