



ONE PART FLEXIBLE WHITE ADHESIVE

-  Just add Water
-  Fully Vitrified Tiles
-  Limestone & Marble
-  Built in Flexibility
-  Interior & Exterior
-  Non-slip
-  Water Resistant





ONE PART FLEXIBLE WHITE ADHESIVE

Description

Norcros One Part Flexible White Adhesive is a highly polymer fortified adhesive mortar for use on walls and floors in both internal and external locations. It requires only the addition of water as it is specially formulated with **Rock-Tite™** polymeric binders to impart flexibility, water resistance and increased strength – usually only achieved by the addition of polymer admixtures. It is ideal for tiling in high duty areas such as swimming pools, commercial showers and locations where thermal variation may occur.

Setting time 16 to 24 hours

Conforms to classification **BS EN 12004 C2TE**

Surface Preparation

All surfaces must be clean, dry, free of contamination and be capable of standing the loading of the tiled finish.



Concrete/Cement: Sand Screed

New concrete should be allowed to dry for 6 weeks and cement/sand screeds a minimum of 3 weeks. All traces of laitance should be mechanically removed. Dusty or very porous surfaces should be primed with **Norcros Prime Bond**.

Asphalt (Internal Flooring Grade)

One Part Flexible can be applied directly to clean flooring grade asphalt in internal locations.

Anhydrite/Calcium Sulfate Screeds

The screed must be fully dry in accordance with the manufacturers recommendations and lightly sanded to remove all traces of laitance/dust. Prime using progressively stronger coats of **Norcros Prime Bond**. Initially apply a 1: 4 parts water dilution and when dry follow with a 1: 3 dilution applied at 90° to the first coat. If after these 2 coats the surface is still absorbent, apply a further coat at a 1: 2 dilution and leave to dry.

Gypsum Plaster

New plaster should be allowed to dry for a minimum of 4 weeks. Where it is finished to a hard shiny appearance the plaster should be wire brushed to provide a key. It is important to prime all plaster & plaster board surfaces with **Norcros Prime Bond**.

Vinyl Flooring

If it is well fixed and thoroughly degreased it should be primed with **Norcros Prime Bond** before applying tile with **One Part Flexible**.

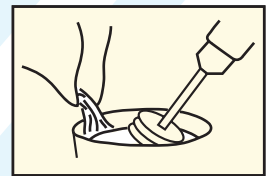
Timber Surfaces (Internal)

Timber floors must be overlaid with a minimum 15-18mm thick WBP/Marine grade plywood fastened with countersunk screws at 300mm centres. The floor must be

free from deflection and able to support the additional weight of tiling. The back, face and edges of the boards must be sealed with **Norcros Prime Bond** and the floors substructure must be adequately ventilated.

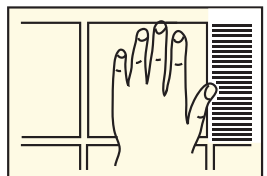
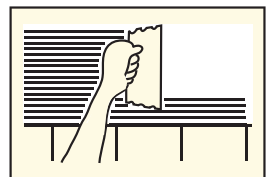
Mixing

Add 20 kg of **One Part Flexible** to 5.5 litres of water and mix to a thick creamy slump free consistency. The product has an ease of use pot life of up to 4 hours.



Application

Norcros Tile fixing products are designed for use with prevailing International Standards for tile & stone installation methods and in accordance with BS 5385 parts 1-5 and BS8000 Codes of Practice. Apply the mix with an appropriate notched trowel to form parallel ribs of adhesive on to the fixing surface. It is designed for use normally between depths of 3-8 mm but can be used up to 12mm thickness in isolated areas. Spread only an area that can be covered within the open time before the adhesive begins to set. Apply tiles into the adhesive with a firm twisting action and check by lifting a tile that the adhesive is in total contact with the substrate and that void free solid bedding is achieved. **One Part Flexible** should be applied at temperatures above 5°C.



Movement Joints

Structural joints in the subsurface must be carried through the adhesive bed & tile plane and movement joints allowed as specified in BS 5385.

Coverage

Dependant on bed depth and surface regularity 20kg of **One Part Flexible** will fix up to 7m² with a wall trowel (thin bed) & between 4 to 5m² on floors (solid bed). If the fixing surface (floors) is deviant above 4mm under a 2m straight edge the use of **Norcros Universal Floor Leveller** should be considered especially where larger format or rectified edge tiles are to be installed.

Storage and Shelf Life

When stored in dry internal conditions between 5°C and 30°C and out of direct sunlight the product has a shelf life of 12 months from date of manufacture.

Technical Advice

For advice on tile installation products call: **Norcros Technical Helpline on 0870 6092851.**