



# READY-MIXED WALL TILE ADHESIVE

## Ready to use Tile Adhesive

- **Bonding tiles and mosaics on walls and ceilings**
- **To install polystyrene boards, insulation panels, etc.**
- **For internal use**

### DESCRIPTION

READY-MIXED WALL TILE ADHESIVE is a white-coloured adhesive paste comprising of acrylic resins, finely graded mineral fillers and specially formulated additives.

When trowelled onto vertical surfaces, READY-MIXED WALL TILE ADHESIVE has excellent thixotropic and flexibility properties and is capable of withstanding excessive substrate movements and vibrations.

The adhesive is suitable for interior bonding of tiles and mosaics on both walls and ceilings.

### TYPICAL APPLICATION

- Bond tiles on conventional cement-sand renders
- Bond tiles on precast or prefabricated concrete panels and walls
- Bond tiles on gypsum-plastered or prefabricated panels (e.g. Gypsum or cement board walls, etc.)
- Bond absorbent tiles on painted walls provided that the paint-work is firm and intact
- Bond tiles on substrates subjected to flexing and vibrations
- Install polystyrene boards, insulation panels, water-stable wood panels, etc.

### SUBSTRATE PREPARATION

Substrates must be flat, solid and stable. All loose particles, oil, grease, paint, wax or any substance that may inhibit adhesion must be removed.

Extremely porous and powdery substances (e.g. Gypsum or prefabricated panels, etc.) should be treated before laying tiles with READY-MIXED WALL TILE ADHESIVE.

It is advisable to allow screeds and renders to cure for at least 7 days for every centimeter thickness before installing tiles with READY-MIXED WALL TILE ADHESIVE.

### APPLICATION OF THE MIX

To achieve good adhesion, firstly, apply a thin coat of READY-MIXED WALL TILE ADHESIVE firmly onto the substrate using the straight edge of the trowel followed immediately with the approximate amount of adhesive to achieve a thickness not exceeding 3mm. The correct notched trowel size to use will depend on the type and size of the tiles.

### LAYING TILES

Do not soak tiles before laying with READY-MIXED WALL TILE ADHESIVE.

Lay the tiles onto the adhesive and ensure that a firm pressure is applied to achieve good contact with the adhesive. The tiles must be adjusted within 60 minutes after laying.

### BONDING PREFABRICATED PANELS

Ceiling, prefabricated and insulation panels may be installed by either spot bonding or full bonding with READY-MIXED TILE ADHESIVE. Ensure that a firm pressure is applied to the panels to achieve good contact with the adhesive.

### GROUTING

Grouting can proceed once the tile bed has hardened sufficiently so that tiles will not be dislodged. Grouting may be allowed after approx. 24 hours at 23°C and 50% RH with COLOURED GROUT.

### COVERAGE

The approximate quantity of READY-MIXED WALL TILE ADHESIVE for bonding:

- Small size tile about mosaic is 1.5 kg/m<sup>2</sup>
- Normal size tile is 2-3 kg/m<sup>2</sup>
- Spot bonding of panel is 1-2 kg/m<sup>2</sup>.

The coverage is also affected by the condition of the substrate.

### DRYING TIME

Approximately 24 hours, at 23°C and 50% relative humidity. Allow longer for dense tiles/substrates, humid climates and low temperatures.

### LIMITATIONS

- Do not use READY-MIXED WALL TILE ADHESIVE to bond tiles on areas subjected to continuous immersion in water (e.g. water tanks, swimming pools, etc.) and external applications.
- Do not use this product to bond large, heavy or non-absorbent tiles (e.g. natural stones), and bond tiles onto metal surfaces. For additional information, please refer to ABA technical service.



## TECHNICAL DATA

Colour	White
Form	Paste
Application properties at 23°C and 50% RH:	
Mixing	no mixing, ready to use
Adjustability time	60 minutes
Open time	approx. 45-50 minutes
Grouting time	24 hours
Bond strength (7 days)	1.0 MPa
Resistance to temperature	from -30°C to 90°C

## PACKAGING

READY-MIXED WALL TILE ADHESIVE is packed in 5kg pails.

## STORAGE & SHELF LIFE

READY-MIXED WALL TILE ADHESIVE has a shelf life of 12 months if kept in a dry store between 10°C and 30°C with 50% RH, in the original unopened containers.

The product should be stored away from direct sunlight and sources of heat.

## CLEAN-UP

All tools and hands may be cleaned with abundant water before the adhesive sets. After setting, cleaning becomes very difficult but can usually be helped by solvents.

## SAFETY PRECAUTIONS

This product is considered non hazardous in normal use. The presence of cement in the product gives an alkaline mortar which may cause some irritation if prolonged contact with skin takes place. Avoid contact with skin and eyes. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable gloves and eye protection and keep the product out of reach for children. Avoid generation of airborne dust during mixing. If swallowed, do not induce vomiting, give a glass of water and contact a doctor.

For further safety data, consult the latest Material Safety Datasheet available upon request and online at [www.aba-sea.com](http://www.aba-sea.com).