

BLUSKY™BLOCKFIX HBA

Single Pack, Pre Mixed Water Resistant Cementitious Polymer Modified Block jointing Adhesive

Description

BLUSKY™BLOCKFIX HBA is a ready-to-use, thin or thick bed, water resistant, pre-mixed single component, cementitious polymer modified high strength adhesive in powder form, for fixing AAC blocks, Concrete blocks, fly ash bricks etc.

Indicative Characteristics

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| Appearance | Grey powder |
| Chemical Base | Cementitious mortar modified with few selected polymers |
| Bulk density@27°C | ~ 1.45 kg/l |
| Mixed density@27°C | ~ 1.95 kg/l |
| Workable time | 60 - 90 minutes |
| Tensile bond Adhesion Strength | >0.85 N/mm ² |
| Compressive strength, 28 days | >11 N/mm ² |
| Layer Thickness, mm | 3 -4 |
| Mixing/ Mixing Time, | Water: Powder = 0.22 to 0.24 by weight/ 3 minutes |
| Theoretical Coverage & average thickness | ~3 -4 kg powder required / Sq.m for 3 mm |
| Substrate Temperature | +5°C min. / +45°C max. |
| Ambient Temperature | +5°C min. / +45°C max. |

Domains of Application

Fixing AAC blocks, Concrete blocks, fly ash bricks & Aerated Autoclave Lightweight Concrete Blocks and insulating and acoustic boards based on expanded polystyrene plastics etc.

It can also be used for fixing Bonding Ceramic, Mosaic, and Tiles to concrete surfaces floors and walls. Can be used in shower recesses and swimming pools where continuous or intermittent immersion in water occurs.

Application Method / Tools

BLUSKY™BLOCKFIX HBA Joining Mortar must be mechanically mixed using a forced action mixer or in a clean container using a drill and mixing paddle (< 500 rpm). A normal concrete mixer is not suitable.

Mix thoroughly with clean water for a minimum of 3 minutes. Leave material to stand in container until the majority of bubbles have dispersed (minimum 5 minutes). Then remix the material for 15 seconds - the product is now ready for use.

Advantages

- Can be used on damp substrates.
- Offers high adhesive bond strength.
- Excellent slip resistance.
- High early strength.
- Fast curing.
- Water resistant.
- Long open wet time (up to 30 minutes).
- Thixotropic property.
- Tropicalized and eco-friendly, offers no health hazards to users.
- Economical.

Shelf Life & Storage

06 months from the date of manufacturing when stored in un-opened, original sealed and dry condition at a temperature range from +5°C to 40°C

Packing

40 kg. Bag.

The information contained in this technical data sheet is given to the best of our knowledge and the results from extensive testing in order to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users Consult the latest update of the technical data sheet on our website www.bluskyspl.com

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Precautions

- Preferably store in sealed conventional containers, protected from extreme weather conditions.
- Clean all tools and application equipment with water before it set. Clean immediately after use. Hardened / cured material can only be mechanically removed.

Safety

- Wear hand gloves, safety shoes and safety goggles while using and handling the product.
- In case eyes or mouth are affected wash with plenty of clean water and seek medical treatment immediately.

Before use, refer to the Material Safety Data Sheet. The MSDS is available on www.bluskyscpl.com

Method of Application

Surface Preparation

- If the substrate is very porous, if the temperature is high and/or the relative humidity low, it is advisable to dampen the surface. Do not leave any standing water.
- Apply a thin uniform Layer of **BLUSKY™BLOCKFIX HBA** Joining adhesive 2 to 3 mm thick on the clean & leveled surface of masonry units using proper trowel.
- Place the next course of masonry units on evenly jointing mortar bed in proper line & level. Each masonry unit shall be properly bedded and set in position by gently pressing with handle of trowel.
- Inside unit of the masonry unit shall be applied with mortar before the next unit is laid & pressed against it especially in case of bricks. Clean the excess material, if any immediately. Continue the procedure for the entire masonry work.
- Do not disturb the blocks /bricks setting for first 24 hours

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