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Technical Data Sheet – [AIRCOAT]®

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A SPECIALLY FORMULATED DOLOMITIC LIME BASED PAINT

PRODUCED BY AFRIMAT HEMP

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Recommended Uses:

Decorative and hygienic coating for walls, especially for heritage and hempcrete buildings requiring a moisture permeable coating. This property has been termed ‘breathability’ because excess water in masonry and plastered walls can pass through the plaster and paint coating which will avoid the problems associated with damp in walls. This is very important to preserve walls in old buildings.



ADVANTAGES and APPLICATIONS of AFRIMATHEMP airCOAT

- Suitable as paint for hempcrete and heritage construction because of its compatibility and vapour permeable nature to these sectors.
- Better breathability than conventional paints.
- Natural ingredients and 0% VOC
- Excellent coverage and economical.
- Application and Maintenance of surfaces is straightforward and simple.
- Water Washable but moisture tolerant.
- Ideal for carbon neutral building use.
- Best results when used with Afrimat Hemp block and hempcrete product range.
- May be applied in the maintenance of existing lime washed walls.
- Recommended for plastered walls and wall renders during restoration of heritage buildings.
- Recommended for virgin plastered hempcrete walls or wall renders.

airCOAT METHOD OF APPLICATION

Surface Preparation

- **Recoating of existing lime washed walls:**
Make sure the surface is clean, dusted down and sound.
Remove any dirt from the wall with a dry brush, wire brush or scraper.
- **New lime plastered walls and renders during restoration of heritage buildings or virgin lime plastered walls and renders on hempcrete walls:**
Make sure loose dust has been brushed off with a dry brush.

airCOAT APPLICATION

- No primer is required.
- Wet down the walls with water.
- Allow the surface to dry out (2-3 hours),
- Mix airCOAT well before use and apply the first coat of airCOAT with a coarse brush or roller.
- Up to three coats may be necessary.
- Allow at least 2-3 hours between coats and 36 hours before exposure to water.
- All tools should be cleaned with water immediately after use.

NOTE

- For construction in the rainy season, ensure sufficient protection against rain and cold weather.
- Avoid applying paint at temperatures below 5°C.
- Protect from direct rain and wind during 36 hours after application.
- Best performance could be achieved at temperatures between 12 °C - 27 °C.

airCOAT COVERAGE

- A 20 Litre drum typically covers 3-4 m² per litre for the first coat, depending on the surface porosity.
- For the second and subsequent coats if required, the coverage is typically 5m² per l.

PRECAUTIONS WHEN HANDLING and APPLYING airCOAT

- airCOAT is a lime-based paint which may cause irritation or skin damage.
- Wear suitable protective clothing, gloves, and eye protection.
- In case of contact with eyes, rinse immediately with water and seek medical attention if necessary.
- After contact with skin, wash immediately with water and seek medical attention if necessary.
- Keep out of reach of children.



Please refer to the Material Safety Data Sheet (MSDS) for full details.

STORAGE

- Store in a cool, dry place out of direct sunlight.
- Store out of reach of children.