TECHNICAL DATASHEET

DURABOND A

Durabond A is an extremely versatile bonding agent for use with all cementitious materials, lime washes, plasters, etc. It can be used to pre-treat substrates as an adhesion-promoting agent and as a primer/sealer for decorative coatings. It is a highly concentrated and economical-to-use product, specifically developed for the most demanding situation. It increases the compressive, tensile and flexural strengths of mortars and reduces the water/ cement ratio. It can be used on all exterior and interior surfaces.

PRODUCT BENEFITS

- **Adhesion:** Provides excellent adhesion to substrate.
- **Leveling**: A high-quality surface is obtained when leveling floors.
- **Versatility:** Can be used on a variety of surfaces, AAC blocks, primer, sealer, repairing surfaces and plaster additive.
- **Retention:** Excellent color and gloss retention
- **Resistance:** Excellent abrasion and chemical resistance
- **Application:** Can be used for interior and exterior applications
- **Ease of Use:** User-friendly with low Odor.
- **Flexibility:** Displays good flexibility and impact resistance.
- **Durability:** Ensures a long-lasting finish.
- **Versatility:** Stable over a wide temperature range.
- **Waterproofing effect:** Provide waterproofing properties.

PRODUCT FEATURES

Surface	Exterior and Interior
Available Pack	1L and 5L.
Shelf life	2 years from date of manufacture in original tightly closed containers.
Available Color	Clear
Coverage	15-18 m^2/L/coat (depend on surface porosity)
Finish	Gloss
Drying time to touch	60-80 Minutes @ 25 – 35 °C

SURFACE PREPARATION

- Ensure the surface is clean, dry and free from contaminants.
- Surface must be in sound condition without laitance.
- Remove laitance using wire brush or sweep blast.

APPLICATION PROCESS

Method	:	Brush, Roller and Spray
Thinning	:	Water

Dilution;

• For Primer / sealer	:	1-part Durabond A dilute with 4-part Water
• For Plaster / Screed	:	1-part Durabond A dilute with 10-part Water
• For Cement Based paint / Lime washes	:	1-part Durabond A dilute with 5-part Water

1. Primer/sealer: **Durabond A** is used for pre-treatment of porous but firm surfaces of concrete, aerated concrete, plaster, screeds, as an adhesion promoting and sealing agent. Before application, thoroughly clean and remove any loose particles from the surface. Apply a solution of 1-part **Durabond A** to 5-parts water (1:1, depending on surface porosity), using a brush or roller.

Repairing surfaces: **Durabond A** is designed to simplify the standard repair procedures and to help form a strong bond between the new and old work. Prior to application of repair mortar, follow the preparation procedures as previously outlined. For porous surfaces and repairs in excess of 5mm deep, mix the cement mortar using a solution of 1 part Durabond A to 5 parts water (1:5). For mortars to be applied less than 5 mm thick use a 1:3 solution. For firm surfaces, a solution of 1:10 is recommended.

2. For plasters and screeds: the addition of **Durabond A** increases adhesion, flexural strength and improves workability of sand/cement mixes to be applied on surfaces such as fairfaced or float finished concrete. Prior to application, preparation procedures should be followed. Mix the mortar/screeds using a solution of 1 part Durabond A to 10 parts water (1:10). For thin-coat mortar, a solution of 1:7 is recommended.

3. For cement-based paints/lime washes: the addition of **Durabond A** will increase flexibility and resistance to moisture, saline encrustation and dirt. The resultant mixture will promote greater adhesive capabilities, improve dispersion and aid brush ability. Mix the paints using a solution of 1 part Durabond A to 5-10 parts water.

POST PAINTING CARE

- For the best performance of the paint, at regular intervals of six months a proper washing and cleaning of all algae and fungal growth must be carried out, if any.

PRECAUTIONS

- Do not apply when ambient temperature is less than 5°C or if the temperature might drop to this level within 4 hrs. of application.
- Do not apply it during rain or when rain is expected.
- Stir well before use.

SAFETY AND ENVIRONMENT FEATURES

- Store the container with the tightly closed lid in an upright position, in a cool dry place.
- Keep out of reach of children.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact, immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Do not breathe vapor or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
- Do not pour leftover paint down the drain or in water courses.
- In case of spillage, contain using sand or earth.
- No added Lead, Mercury or Chromium compounds.

Left-Over paint disposal:

- Left-over paint/drums should not be disposed in soil/drains. Consumers should consult a local recycling agency for disposal of paint/drums.
- The pails/drums should not be used for storing food items.

DISCLAIMER
These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond