

WATER RESISTANT BONDING AGENT

PRODUCT DESCRIPTION

Rayston Latex Ultra A synthetic rubber emulsion for adding to cementitious mixes where good adhesion and water resistance are required.

Complies to ASTM C-1059-91

USES

Rayston Latex Ultra is a high-quality emulsion that substantially increases the qualities of cement mortars, such as:

- Thin layer patching mortars.
- Renders.
- Floor screeds.
- Concrete repairs.
- Abrasion resistant linings.
- Tile fixing mortars.
- Masonry mortars.
- Dust proffer.
- For Bonding of old to new concrete.

CHARACTERISTICS / ADVANTAGES

Rayston Latex Ultra is simply added to the mixing water to provide the following beneficial properties:

- Extremely good adhesion.
- Reduced shrinkage.
- Greater elasticity.
- Excellent water resistance.
- Increased abrasion resistance.
- Improved chemical resistance.
- Non -toxic.

N.B. **Rayston Latex Ultra** does not re-emulsify, even in high alkaline conditions.

PRODUCT INFORMATION

| | |
|-----------------------------------|---|
| Composition | Styrene Butadiene Liquid. |
| Packaging | Packaging 5 kg and 20 kg pails 200 kg Drums |
| Appearance Colour | White |
| Shelf life | 12 months when unopened. Store away from direct sun light |
| Storage conditions | Free from heat and frost. |
| Density | 1.01 ± 0.01 kg/l. |
| Conventional Dry Material Content | Materials Aggregates should be well graded and thoroughly washed. Sand particle sizes should correspond to the thickness of mortar and concrete to be applied and required surface finish. Up to 2 mm thick 0-0.5 mm. 2 – 5 mm 0-1.0 mm 5 – 15 mm 0-3.5 mm Over 15 mm. 0-7.0 mm Over 35 mm 0-20 mm |

APPLICATION INFORMATION

For general repair dilute with 1 to 2.5 parts of water.

As Bonding Agent – use pure or dilute 1 to 1 parts of water.

Consumption figures in the following table for **Rayston Latex Ultra** in kg for m2 per cm thickness (approx).

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Surface Preparation

1. Concrete surfaces should be clean, sound and free from oil, grease, cement laitance and all loosely particles.
2. Absorbent surfaces should be saturated thoroughly to surface saturated dry condition (S.S.D).

Application Guide Lines

Rayston Latex Ultra is a generally added to the clean mixing water within the range 1:1 – 1:2.5. For all applications apart from sprayed on renders a bonding coat of **Rayston Latex Ultra**: water = 1:1 mixed with fresh cement should be brushed into the prepared surfaces. Subsequently mortar application must be carried out whilst the bonding coat is still wet. Add more **Rayston Latex Ultra** solution if required

IMPORTANT CONSIDERATIONS

Important Recommendations

- Renderings floor toppings should be allowed to cure correctly. Protect the applied mortar and concrete from heat and frost exposure.
- Avoid excessive air- entrainment through over mixing.
- Do not use **Rayston Latex Ultra** and water as a bonding agent - always add cement and sand.
- Minimum application temperature + 5° C.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application