



CO R-100
Plaster Consolidation Agent



Technical Data & Information Sheet

Descriptor: Acrylic-based plaster consolidation agent

Use: CO R-100 is the final application in the consolidation of plaster ceilings and walls. Specially formulated to enhance penetration.

Performance Properties:

<u>Property</u>	<u>Test Method and/or Results</u>
Solids content	46-48%
pH	9.5 – 10.5
Viscosity	100 -1200 mPa s (Brookfield RV, Spindle #4, at 50 rpm)
Density	ca. 8.71 lbs/gallon
Tensile Adhesion Strength	ASTM C297 – average 285 kPa/41.3 psi
Elongation	ASTM D412 – 46.2% at maximum load

Independent testing confirmed that CO R-100 Consolidation Agent™ provides the tensile and structural adhesion strength required for long-lasting plaster consolidation. The elongation test results indicate that this product also has the combined strength and flexibility needed to withstand a building's micro-movements and prevent cracking.¹

CO R-100 Consolidation Agent™ User Guidelines

General Product Information

- Conveniently packaged in 5 gallon/18.9 liter pails – 36 pails per skid.
- For professional use only / Not for resale.
- Non-toxic and non-flammable, low odour.
- Shelf life of 6 months from delivery date.
- Dries to the touch within 2 hours / Fully coalesces within 24 hours.
- Manufactured in the United States and Canada under ISO 9001.

¹ Contact HPCS for complete test results

Product Handling

- Deliver CO R-100 Consolidation Agent™ to job in original container with seal unbroken and use without reducing.
- Stir well before using.
- Store in original tightly closed container.
- Store in a cool dry place.
- Keep from freezing.
- See MSDS before use.

Spraying Equipment

- Recommend low pressure/high volume diaphragm pump.

Coverage

- Recommended rate of application: 1.75 to 2.5 oz. per sq. ft. (0.6 to 0.8 L per sq. m.).

Execution

- Wherever possible, vacuum clean back side of plaster to eliminated/reduce dirt and dust before applying CO R-100.
- Prime with HPCS CO S-20 and/or CO S-50 Primers.
- Apply CO R-100 Consolidation Agent™ evenly across the back side of the plaster with a series of horizontal and vertical passes.
- Apply in sufficient quantity to saturate the plaster and ensure good penetration.
- **Do not** apply CO R-100 to pot light fixture covers or other electrical or mechanical equipment.
- Clean spray equipment thoroughly at the end of each work day.