

TECHNICAL DATA SHEET – HPC 09 NU-GUARD ANTI CARBONATION

DESCRIPTION:

Nu-Guard Anti-Carbonation Coating is an acrylic coating, formulated to give exceptional durability, weather resistance, and excellent adhesion to general masonry, especially concrete surfaces.

ADVANTAGES:

Nu-Guard AC has outstanding anti-carbonation properties, and will, if applied at the recommended film thickness, provide protection in excess of 10 years on properly prepared sound substrates. The coating exhibits excellent breathability.

USES:

For the decoration and protection of concrete against the attack of carbon dioxide, airborne chlorides, acid rain and weathering.

COLOUR RANGE:

Available in a selected colour range.
Consult Hydron Technical Services Department.

PACK SIZE:

Single component product, supplied in 10, 15, 20 litres & 1000 Litre IBCs.

VOLUME SOLIDS:

40%

COVERAGE RATE:

8 – 10m² per litre dependant upon porosity and texture of the substrate.

DRYING TIME:

Usually dry and re-coatable in 4-6 hours at 20°C

PREPARATION:

Remove all loose flaking coatings back to a firm edge. Remove any organic growth with a stiff bristle (not wire) brush and apply a liberal coat of Hydron SS1 – Sterilising Solution. Make good any defective surfaces as well as leaking rainwater goods. Ensure surfaces to be treated are clean, free from contamination and dry. Prime porous surfaces with SB Stabilising Primer

APPLICATION:

Two coats by brush, roller or spray. Stir thoroughly before use. Recommended film thickness per coat: 120 microns wet. Total dry film thickness: 96 microns

EQUIPMENT CARE:

All equipment should be cleaned with water

STORAGE:

Store away from direct sunlight and sources of heat. Protect from frost.

SHELF LIFE:

12 months (in original sealed container).

HEALTH & SAFETY:

Refer to MSDS