



HIAC™ Acrylic Concrete Sealer

DESCRIPTION

HIAC acrylic concrete sealer is an acrylic co-polymer solution that dries to a clear, colourless, abrasion-resistant film. It is highly resistant to stains, acid, oil, grease, most industrial chemicals, and de-icing salts, and will not yellow the concrete.

USES

HIAC is used for protection of old or new concrete from weather, chemical attack, staining, and dusting. HIAC imparts a medium-to-high sheen, dependent upon the number of coats applied, which enhances the natural concrete colour.

Suitable applications include concrete driveways, patios, exposed aggregate, and all exterior cementitious surfaces.

HIAC may be applied over CS-309™ curing and sealing compound from W. R. MEADOWS after the concrete has cured at least seven days to give a highly effective curing and sealing system.

HIAC may be re-applied as traffic patterns appear.

FEATURES/BENEFITS

- Permeable film allows moisture in cured concrete to evaporate.
- High acrylic content for positive weatherproofing, stainproofing, and dustproofing qualities.
- High resistance to oil, grease, de-icing salts; hydrochloric, acetic, and sulphuric acids; caustic sodas and most industrial chemicals and aliphatic solvents.
- High or medium sheen.
- Quick drying.
- Floors sealed with HIAC can later be painted (consult reputable paint manufacturer for compatibility) or covered with resilient flooring, if desired.

STANDARDS

Agriculture and Agri-Food Canada accepted.

DATA SHEET NO. 3300-241

DATA

Coverage Broomed surface up to 6.2 m²/L (300 ft.²/gal.)
Trowelled surface - up to 12.3 m²/L (600 ft.²/gal.)

Coverage is approximate and depends on the porosity of the surface.

Touch Dry 30 minutes

Hard 60 minutes

Packaging 3.78 litre pails
18.9 litre pails
205 litre drums

APPLICATION

Product container provides all application information. Read and follow all instructions and precautions. Concrete must be clean and dry prior to HIAC application.

Remove stains and discolourations.

New concrete should be properly cured for a minimum of seven days prior to HIAC application. (CS-309 is compatible.)

Apply by spray, brush, or lamb's wool applicator in a uniform film.

For greater sheen, apply additional coats after preceding coat has dried. Avoid over application and excessive build-up.

Avoid puddling in low areas. Restrict foot traffic for at least four hours. Twelve hours is preferable.

HIAC should not be applied during high temperature conditions in direct sunlight. These conditions cause rapid evaporation, which does not allow the film to form properly. Under these conditions, the film may peel, bubble, and/or turn white (blush).

Should not be applied to concrete exposed to excessive moisture. Entrapped moisture in a solvent-based sealer may cause the film to peel and/or turn white (blush).

Continued over

W. R. MEADOWS OF CANADA
70 Hannant Court, Milton, ON L9T 5C1
Phone: (905) 878-4122 • Fax: (905) 878-4125
Montreal Sales: (877) 405-5186

Hampshire, IL / Cartersville, GA / York, PA / Fort Worth, TX
Benicia, CA / Pomona, CA / Goodyear, AZ / Milton, ON /
St. Albert, AB
www.wrmeadows.com

*Note: In cases when HIAC is applied to existing concrete surfaces (more than 28 days old), the variations in coloration of the sands and aggregate present in the existing surface may be enhanced causing the surface to appear discoloured.

CLEANUP

Clean tools after use with a solvent such as SEALTIGHT SOLVENT, xylol or toluol.

PRECAUTIONS

Use only when concrete surface temperature is above 5°C (40°F) and surface is completely dry. Remove existing curing compounds (except CS-309; see above) before application. Keep vapours away from foodstuffs. Not resistant to aromatic solvents. Will not resist spillage of lead-free gasoline. Will temporarily darken concrete; lightens to normal concrete colour in 6 - 12 months. HIAC is flammable. Keep away from heat and open flame. Avoid prolonged contact with skin. Use with adequate ventilation and avoid prolonged breathing of vapour.

SAFETY AND TOXICITY

Contains solvent. Use with adequate ventilation and avoid prolonged breathing of vapours that may cause dizziness or suffocation. Avoid contact with skin and/or eyes. See product label and Material Safety Data Sheet for additional information. Read and follow all instructions and precautions.

Harmful or fatal if swallowed.

LEED INFORMATION

May help contribute to LEED credits:

- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

2004 MASTERFORMAT NUMBER AND TITLE

03 39 23 Membrane Concrete Curing

For most recent data sheet, further LEED information, and MSDS, visit www.wrmeadows.com.

2010-01-14



© SEALTIGHT is a registered trade mark of W. R. Meadows

WARRANTY: W. R. Meadows of Canada warrants that, at the time and place we make shipment, our materials will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM OF TRADE OR OTHERWISE. As the exclusive remedy for breach of this Warranty, we will replace defective materials, provided, however, that the buyer examine the materials when received and promptly notify us in writing of any defect before the materials are used or incorporated into a structure. Three (3) months after W. R. Meadows of Canada has shipped the materials, all our Warranty and other duties with respect to the quality of the materials delivered shall conclusively be presumed to have been satisfied, all liability therefore terminates and no action for breach of any such duties may thereafter be commenced. W. R. Meadows of Canada shall in no event be liable for consequential damages. Unless otherwise agreed to in writing, no warranty is made with respect to materials not manufactured by W. R. Meadows of Canada. We cannot warrant or in any way guarantee any particular method of use or application or the performance of materials under any particular condition. Neither this Warranty nor our liability may be extended or amended by our salesmen, distributors or representatives, or by our distributor's representatives, or by any sales information or drawings.