



DRI-GARD HB-9500

Premium Waterborne Heat Insulating Coating

DRI-GARD HB-9500 is a high performance water-based acrylic coating containing space-age glass nanomaterial which produces thermal insulation-like properties. It is specially designed for Buildings' rooftops (metallic and inorganic materials), walls (concrete and timber), containers (such as water tanks or storage sheds) or any structures that require solar heat reflectivity.

FEATURES/BENEFITS

- ✓ Excellent solar reflectance
- ✓ Reduces interior temperatures
- ✓ Excellent weathering resistance
- ✓ Application to almost any surface
- ✓ Environmental friendly & low VOC
- ✓ Easy to use (Same day re-coat plus water clean-up)

APPLICATION AREAS

- ✓ Rooftops
- ✓ Walls
- ✓ Water Tanks
- ✓ Storage Sheds
- ✓ Metallic / Inorganic materials
- ✓ Concrete
- ✓ Timber
- ✓ Structures that require solar heat reflectivity



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Product Data

Appearances / Colors	Matt, White (Custom tinting can be done at special requests)
Packaging	5L and 18L
Storage	12 Months from date of production
Storage Condition	Kept in cool, dry, well ventilated place and protected from extreme heat and high temperature. Containers must be kept tightly closed.

Technical Data

Specific Gravity	0.75 – 0.78
Packaged Viscosity	130 – 140 Krieb Stormer Units @ 25 °C
Solid Content	62 – 65% (by volume)
VOC content	< 1% (very low)
Flash Point	Not Applicable

Application conditions

Wet Film Thickness	300 – 500 microns
Dry Film Thickness (DFT)	200 – 320 microns
Typical Coverage	2.0 – 3.3 m ² per L
Drying Time	1 – 2 hours dependent upon temperature & porosity of surface
Recoating Time	3 hours
Thinner/Cleaner	Water
Application Temperature	25 – 40 °C

SUBSTRATE

Surface to be painted must be free of dirt/grease, suspected salt and chemical contaminations. If required, clean all surfaces with a water soluble, environmental friendly degreaser mixed with clean, fresh water. Allow surface to dry before commencing main preparation.

APPLICATION & TOOLS

Apply by brush, roller or spray. When brushing, apply unthinned, lay on, do not over brush. When rolling, use a lambs wool roller and no thinning is required.

LIMITATIONS

- ❖ A suitable primer (*DRI-GARD MP-10*) is required for metal surfaces for effective bonding & long term durability.
- ❖ Apply only in conditions of good ventilation, which should be maintained during drying.
- ❖ Do not apply when rain, mist, sleet or snow are imminent.
- ❖ During application time, relative humidity should not exceed 90% and steel temperature should remain at least 3°C above the dew point.

HEALTH & SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of these products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance to the manufacturer recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. The manufacturer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.