

shurgard ra

Roller Applied Moisture Barrier



SHURGARD RA is an elastomeric all weather secondary moisture / air barrier that is either rolled or sprayed over approved substrates. SHURGARD RA complies with ICC-ES criteria for water resistive coatings (AC212).

Uses:

Shurgard RA can be applied over a wide variety of substrates such as exterior grade gypsum sheathing, cement board and OSB. Shurgard ra is applied as a continuous membrane utilizing Ultrakote 4" Transition Mesh without voids or pinholes.

Features:

- Ease of application
- Economical
- Promote adhesion

Benefits:

- Rolled or brush on application
- No waste-reseal for use later
- Superior substrate for adhesively applied EPS

Surface Preparation:

Surface must be clean and free of bonding-inhibiting materials such as dirt, dust, rust, grease, oil, efflorescence, mildew, fungus, form-release agents or any other contaminants. Remove and repair any loose paint, mortar, stucco, concrete or masonry by water blasting, sand blasting, scraping or using a wire brush.

Product Specifications:

Packaging:

5 gallon plastic pail 50 lbs.
(22.6 kg)

Coverage:

Average coverage rates per mixed pail are:

Dens Glass Gold: 400 - 500 F² (37.1 - 46.5 m²)

Exterior Grade Gypsum Sheathing: 450 - 550 F² (41.8 - 51.1 m²)

Cement Boards: 375 - 475 F² (34.8 - 44.1 m²)

OSB or Plywood: 225 - 325 F² (21 - 30.2 m²)
(Two coats required)

Color:

Light gray for easy product recognition

Storage:

Keep from freezing, keep out of direct sunlight for long periods and store at temperature ranges between 40°F (4.4°C) and 95°F (35°C)

Clean up:

Clean tools and equipment with water immediately after use.

Shelf Life:

1 year

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Mixing:

Shurgard RA is ready to use, simply thoroughly mix the pail prior to application. No water or additives should ever be added.

Application:

Use a synthetic brush or heavy nap roller and always use clean tools and equipment. Shurgard RA is rolled or sprayed over the approved substrate at 12 mils wet film thickness - 6 mils dry film thickness. OSB requires two coats to achieve sufficient coverage. Check the surface to ensure there are no voids or pinholes. Completely embed Ultrakote 4" Transition Mesh at all board joints and transitions to ensure a continuous barrier.

Spray recommendation for airless: Tip Size 0.025 mil to 0.031 mil, and Pressure setting should be between 2500 to 3200 psi.

Curing / Drying:

Allow Shurgard RA to cure for 24 hours prior to applying the EPS insulation board.

Limitations:

Shurgard RA should be applied when surface and ambient conditions are between 40°F (4.4°C) and 95°F (35°C).

Technical Data:

Flexible Mandrel Bend (ASTM D522)	Passes 4" Mandril @ 40F
Water Vapor Transmission (ASTM E96 Method B)	Average 2-3 perms
Weather resistance	No deleterious effects after 14 days exposure
Tensile Bond Strength (ASTM C297)	
Cement Board	28.7
psi	
Dens Glass Gold	37.4
psi	
Gypsum Sheathing	13.5
psi	
Flammability (ASTM E84)	<25
Flame Spread	<450
Smoke Developed	A
Air Leakage (ASTM E283)	
Installed over Dens Glass Gold	0.013 1/s/m ²
Classification	Type III air
Barrier	
Hydrostatic Pressure Resistance	Pass @ 12" head

Precaution:

KEEP OUT OF THE REACH OF CHILDREN.

Not for internal consumption.

Do not apply in non-ventilated areas.

Use protective equipment such as gloves, eye protection and clothing.

First Aid:

In case of eye contact, flush with water at least 15 minutes.

In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing.

If inhalation causes physical discomfort, remove to fresh air. If discomfort continues, any breathing difficulty occurs or if swallowed, SEEK MEDICAL ATTENTION.

For additional information refer to the material Safety Data Sheet (MSDS).

Disposal:

Dispose of in accordance with local, state or federal regulations.

Warning:

KEEP OUT OF THE REACH OF CHILDREN.

NOT FOR INTERNAL CONSUMPTION, FOR INDUSTRIAL USE ONLY.

Spills:

Scrape up and wash with water immediately. If material has set, scrape material with appropriate tools and clean with citric acid.

Prop 65:

This product contains material listed by the state of California known to cause cancer, birth defects or other reproductive harm.

Technical support:

For technical support call 1-602-272-5830. Information contained in this product Information Guide conforms to the standard detail recommendations and specifications for the installations of Ultrakote Products as of the date published on this document. Ultrakote Products, Inc. assumes no liability, expressed or implied, as to architecture, engineering or workmanship of any project. To insure that you are using the latest, most current information, contact Ultrakote Products, Inc. or visit website at: www.ultrakoteproducts.com