

A·R·C·HITECTURAL

ROOF COATINGS

HydroSHIELD Alumicote

● PRODUCT DATA SHEET

DESCRIPTION

HydroSHIELD Aluminized White Cloud dries by evaporation, leaving a semi-textured aluminum finish. Aluminum paste is blended into the base material at the job site. A finish coat for smooth BUR, modified bitumen and asphaltic cap sheet surfaces.

RECOMMENDED USES

- * As a barrier to ultraviolet light to prevent the degradation of the roofing materials.
- * As a finish reflective coating over asphaltic roofing substrates including new and aged built-up asphalt and modified bitumen.

APPLICATION

TEMPERATURE

Air and Surface: 30°F Minimum/140°F Maximum

Material: 70°F Minimum/100°F Maximum

RELATIVE HUMIDITY

Can be applied at relative humidity up to 90%

BRUSH: No reduction necessary. Use nylon/polyester brush. Do not over-brush as material may start to pull.

ROLLER: No reduction necessary. Use 1/2" to 1-1/2" nap synthetic rollers. Keep a wet edge to avoid ripping which may change appearance. If ripping is a problem, extend lap time to after materials have skinned. Avoid rapid rolling which causes bubbling.

AIRLESS SPRAY-VOLUME:

Output: 2.5 – 3 gal. per min.

Pressure: 4,500 – 7,400 psi

Spray Gun: Graco – Contractor rated for pressure

Fan/Tip: 12/.021 -12/.037 reversible

Extension: 12" – 36" gun extension recommended

SPECIAL CONDITIONS

This product should only be applied with a working material temperature of at least 70°F.

Surface Preparation: All surfaces to be coated must be clean, dry, and paintable. It may be necessary to power wash and/or prime to enhance adhesion. See application specification for more details.

Mixing Procedures: No thinning or reducing is necessary. See label for aluminum paste addition and induction time requirements. When product is in drums, use a 6" minimum diameter mixing blade to blend in aluminum paste.

Cleanup Instructions: Clean up spills and spatters immediately with biodegradable citrus cleaning products.

SAFETY PRECAUTIONS: Refer to the SDS before use. For Chemical emergencies, spills, leaks, exposure, or accidents CALL: INFOTRAC DAY/NIGHT 1-800-535-5053.

PRODUCT CHARACTERISTICS:

Finish: Satin

Color: Aluminum

Viscosity: 5,000 – 9,000 cps @ 77°F (nominal)

Weight: 9.1 lbs./gal. +/- 2%

VOC: < 95 grams/liter

Recommended Spread Rate: 65 sq. ft./gal. per coat (nominal)

Drying Schedule: At 11.0 mils wet @ 50% RH

	50°F	70°F	110°F
To Touch	4 hrs.	2 hr.	30 min.
To Recoat	8 hrs.	4 hrs.	2 hrs.
To Cure	72 hrs.	48 hrs.	24 hrs.

Note: Drying time is temperature, humidity, and film thickness dependent.

	Smooth BUR	Smooth Modified Bitumen	Granule Modified Bitumen
USE	FINISH	FINISH	FINISH
RATE per 100 Sq. Ft.	1 gal	1 l.	1.5 gal - 2 gal

Physical Properties:

Solids Content By Weight: 30% -35% (ASTM D-1353)

Solids Content By Volume: 27% 2% (ASTM D-2697)

Shelf Life: (Unopened) – 12 months from date of shipment

Flammability: Non-Flammable

Avoid breathing fumes and prolonged contact with skin. Do not ingest. Keep containers covered when not in use. When using, provide proper ventilation. Dispose of product and container in accordance with local disposal codes.

DISTRIBUTED BY:

There is no warranty given, expressed or implied, through the values or statements made here, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by our in house and independent third party labs in order to obtain approval and/or classification. Acceptance, purchase and selection of these products are the sole responsibility of the buyer, buyer's agent, or the buyer's customer. ARC assumes no responsibility for coverage, performance, or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER GUARANTY OR WARRANTY OF ANY KIND IS MADE BY ACE ROOF COATINGS, INC. OR ITS SUBSIDIARIES, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.