

Solargard® Hy-Build

Elastomeric roof and wall coating

FEATURES

Single coat application

Multiple applications

Fibered formulation

BENEFITS

- Time and cost savings
- Metal roof and wall surfaces
- Masonry, stucco, EIFS walls
- Bridges small roof and wall imperfections
- Coating reinforcement for high strength
- Accommodates building movement

DESCRIPTION

Solargard Hy-Build is a water-based, acrylic, elastomeric roof and wall coating formulated to provide a tough, durable, flexible, breathable film protection of metal roofs and previously painted or unpainted masonry walls.

BASIC USES

Solargard Hy-Build waterproofs metal roofs as well as masonry, stucco, EIFS and metal wall surfaces.

STORAGE

1 year shelf life in unopened containers when properly stored.

APPLICATION

Preparation: All surfaces are to be free of dirt, grease, oil, loose paint, loose rust, excess chalk, and other foreign matter which could prevent proper adhesion. This is best accomplished using a high-pressure power wash of at least 2,000 psi. A surface cleaner shall be used to remove all grease or oily deposits. If metal panel finish is Kynar 500 or the roof/wall was previously coated, please contact the Tremco Roofing Technical Department for surface preparation recommendations.

Application: Refer to application specifications for additional information.

Walls: Over porous concrete, brick, etc., surfaces where a prime coat is recommended use Solargard Masonry Primer. Solargard Hy-Build can be applied by brush, roller, or spray gun to specified coverage rates.

Refer to appropriate application specification for further information.

Metal: Prime all rust using Solargard Rust Primer WB. Solargard Hy-Build can be applied by brush, roller or spray gun to specified coverage rates.

Refer to appropriate application specification for further information.

Pumps: Graco King 45:1, Graco Bulldog 30:1 or gas powered equivalents. Graco GH733, HydraMax 350 or GMax 7900 or other manufacturers' equivalents.

Hose/Pressure: 50'–300' length (depending on spray rig pressure). When using hoses longer than 100' use the next larger hose ID every 50'. Every 50' of hose will reduce the spray pressure of the rig by 10% at the gun tip. i.e. 300' hose – 3/4" (50/100') to 5/8" (50/100') to 1/2" (50/100') to 3/8" (50')

Tip Sizes:

Fan Width (in).	.039	.041	.043	.045	.047	.049
10"–12"	539	541	543	545	547	549
12"–14"	639	641	643	645	647	649
14"–16"	739	741	743		747	749
16"–18"	839	841	843		847	
Flow Rate gpm	1.60	1.80	1.98	2.17	2.37	2.58

Good results are generally obtained @ 2000–3000 psi at spray tip.

SPRAY EQUIPMENT RECOMMENDATIONS

SPRAY EQUIPMENT RECOMMENDATIONS

CONTINUED

CURE TIME

COVERAGE

CLEAN UP

LIMITATIONS

PHYSICAL PROPERTIES

MAINTENANCE

PRECAUTIONS

TECHNICAL SUPPORT



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Tremco Roofing & Building
Maintenance is a part of the Tremco
Construction Products Group

Solargard® Hy-Build

Gun: Graco Contractor Gun, Graco Contractor FTx gun, Graco Silver Plus or equivalent. (Tip extrusions or pole guns can be used.)

For additional information, refer to appropriate application specification.

1 hour to touch

Porosity, texture of surface, and specified dry-film thickness will dictate coverage.

Coverage rates are as follows:

Walls 1-1/2 gal./100 sq. ft., 24 wet mils

Metal Roofs 2 gal./100 sq. ft., 32 wet mils

Soap and water

- Application temperature shall be above 50°F.
- Protect from freezing.
- Not intended for use in areas subject to vehicular traffic or where water continuously ponds.
- Do not apply when rain is imminent.
- Do not apply over silicone or coal tar.

PROPERTY	TYPICAL VALUE	TEST METHOD
Weight per Gallon	11.0 ± 0.2 lbs.	ASTM D 1475
Specific Gravity	1.32 ± 0.2	ASTM D 1475
Solids by Weight	63% ± 1%	ASTM D- 1353
Solids by Volume	52% ± 1%	ASTM D 5201
Elongation @ 77°F	215% ± 25%	ASTM D 2370
Flexibility @ -15°F	Passes 1/2 inch mandrel bend	ASTM D 522
Tensile Strength @ 77°F	375 ± 50 psi	
Tear Resistance	138 lbf/in	ASTM D 522
		ASTM D 2370
Dry Time	1 hour to touch	ASTM D 1640
Flashpoint	None	ASTM D 3278
Permeance Rating	12	

Your local Tremco Roofing sales representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.

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