



ADHESION PRODUCTS

22290 Challenger Drive
Elkhart, IN 46514
(574) 970-8425 (O)
(574) 970-8426 (F)

TECHNICAL DATA SHEET AP-602 SG Semi Self Leveling Roof Sealant

PRODUCT DESCRIPTION:

Adhesion Product's AP-602 SG is a fast cure, Semi-Self Leveling, VOC compliant adhesive/sealant designed for transportation and product assembly applications. It is non-yellowing, environmentally friendly, solvent and isocyanate free. AP-602 SG is designed for primerless adhesion to most common transportation assembly substrates, including aluminum, brass, steel, glass, mortar, concrete, wood and many plastics. It is a cost effective sealant that won't shrink like most single component products, is weather resistant and paintable. Ideal for roof seam sealing where you want some flow properties but won't run off the edge.

PRODUCT BENEFITS

- Bonds and Seals at same time
- One Part Formulation
- Weather Resistant / Non- Yellowing
- Adhesion to wide range of substrates
- Bonds to most substrates
- Non-staining curing process
- Sandable and paintable
- Shock/impact resistance
- Vibration and sound dampening

SURFACE PREPARATION:

All surfaces should be clean, dry, and free of dust and grease. No primer required for non-porous surfaces.

SHELF LIFE:

12 months in unopened packaging in a cool and dry storage place at temperatures between +41° F and +77° F

STANDARD COLOR:

Aluminum

PACKAGING:

20 oz. sausage packs, 1 gl, 5 gl. And 55 gl containers.

Cleanup:

Uncured material can be wiped from surfaces using mineral spirits and Kent Acrysol.

Limited Warranty:

Adhesion Products warrants product to be of good quality and will replace or, at our election, refund the purchase price of any products proved to be defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, ADHESION PRODUCTS MAKES NO WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and ADHESION PRODUCTS shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.



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TECHNICAL SPECIFICATIONS:

Specific Gravity	1.38 – 1.40
Tack Free Time	Less than 60 minutes @ 77°F/50% RH
Skin Time	Less than 25 - 35 minutes @ 77°F/50% RH
Sag	Non-sagging
Tensile Strength (ASTM D412)	170 psi
Lap Shear	250 psi
Elongation	Approx. 500%
High Temperature Resistance	Up to 400°F for short periods
Low Temperature Flexibility	Properties retained to -75°F
Shore A	25-30
Corrosive Properties	Non-corrosive
Staining	Non-staining

COVERAGE:

Bond line thickness of less than .031” should be avoided

SURFACE PREPARATION:

AP-602 CF is not recommended for use on Polyethylene, polypropylene, TPO, and PTFE without surface treatment.

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Apply to clean, dry surfaces free of contaminants that can adversely affect adhesion. Remove all old sealant before applying AP-602 SG. Testing a small area for compatibility is recommended. Uncured sealant can be removed easily with mineral spirits and many industrial cleaning solutions. Cured material will need to be physically removed.

PAINTING:

Cured product may be painted with most industrial & consumer paints. Testing prior to paint is end customer responsibility.

PRECAUTIONS:

Use with adequate ventilation. Inhalation of vapor during application and cure may cause slight eye or throat irritation. In case of contact with eyes, lips, or mouth, flush thoroughly with water. If irritation persists, consult a physician. Avoid repeated, prolonged contact with skin. See SDS for additional information. KEEP OUT OF REACH FROM CHILDREN.

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