



Spray Bonding Adhesive BA-2012 S/TF

Solvent-Based Contact Adhesive

Toluene and DCM free

Excellent resistance to aging

Good resistance to heat and cold

Excellent tack time, dries quickly

Outstanding adhesion to approved substrates

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Spray Bonding Adhesive BA-2012 S/TF

Solvent-Based Contact Adhesive

DESCRIPTION

Spray bonding Adhesive BA-2012-S/TF is a sprayable solvent-based contact adhesive specifically designed for bonding UltraPly™ TPO membranes to approved insulations in addition to wood, metal, masonry and other acceptable substrates. It has also been tested and approved for use with ARDEX Butynol, WeldTec® WPM 715, WeldTec® WPM 1000 and WeldTec® WPM 1500.

SUBSTRATE PREPARATION

Surfaces that will receive BA-2012 S/TF must be clean, smooth, dry and free of sharp edges, loose and foreign materials, oil, grease, and other contaminants. If necessary, the mating surface shall be cleaned with a (hand)brush or a clean cloth. Remove any moisture and contaminants from the surface before applying the adhesive. Restore the adhesive to room temperature (10°C-25°C) before each use if the product has been exposed to temperatures below 10°C or above 25°C for a prolonged period. This will allow the adhesive to regain the appropriate viscosity. The canister has to be shaken before use in order to improve the mixing of the components. Keep the canister inside its carton packaging as much as possible, also during installation. Consider the use of a canister jacket if applying in cold temperatures. Test the adhesive on a piece of scrap membrane before the start in order to check its consistency in colour and texture.

APPLICATION

Gently spray the BA-2012 S/TF onto both surfaces to be adhered at about the same time to both the exposed underside of the sheet and the substrate to which it will be adhered to allow approximately the same drying time. The ideal distance between the surface and the spray gun is 20 - 30 cm. Try to apply the correct amount of adhesive in a single layer and avoid areas of accumulation. Care must be taken not to apply BA-2012 S/TF over areas to be welded.

Application temperatures may vary between 5°C and 25°C. At temperatures below 5°C, the adhesive may become too thick, and consequently, an insufficient quantity of adhesive may be sprayed on the surface. At temperatures above 25°C, and especially with the membrane exposed to the sun, the adhesive may skin over and drying times will be reduced. Also at high temperatures, protect the canister and hose from direct sunlight. If the canister heats up, it may affect the spraying pattern. Allow the adhesive to flash off completely before mating the surfaces. Test the adhesive for its dryness using the touch-push test procedure. Mate the membrane to the substrate and apply sufficient pressure with a broom.

Refer to the application guidelines and the Technical Information Sheet of the Spray Gun Professional & Hose for additional and specific installation instructions.

STORAGE

Store at moderate temperatures (10°C-25°C) in a dry, well-ventilated area. Do not store at less than 5°C to avoid the product becoming unusable. Keep away from heat, sparks, and open flame. Protect from direct sunlight and do not expose to temperatures exceeding 30°C. If necessary, use an insulated box to maintain the product at moderate temperatures during transport to the job site, before and during application. This will assure the appropriate viscosity, efficiency, and quality of the adhesive. Do not pierce or burn the cans. Always carry the canister, even when in its carton, by its handle located at the top of the canister. Do not manipulate or carry the carton by its sides or corners because the canister may drop through the bottom of the carton.

COVERAGE

Coverage rates depend on the smoothness and porosity of the substrate:

- Maximum 70 m² per 22 L pressurized canister (two-side application)

Very porous substrates may even require an additional coat of adhesive to ensure proper adhesion. This can be determined by adhering a small piece of membrane to the substrate and verify its bonding strength.

PACKAGING

Product Name	Size	Product Code
BA-2023 S/TF	22 L	41714
Spray Hose	4m	41722
Spray Gun	Extended nozzle	41724

SHELF LIFE

12 months can be expected if stored in the above-mentioned conditions. Verify production date on each packaging. Shelf life will be reduced if exposed to lower or higher temperatures, as mentioned above. Shelf life information is only a recommendation. The real expiration date highly depends on the method of storage and handling.

DISPOSAL

Dispose the canister safely and in accordance with national regulations. Empty and depressurized canisters can be disposed as old metals. Preparation to dispose the canister as scrap metal (empty aerosol, no hazardous residues):

- Step 1 - remove the hose and connect it directly on another canister to avoid dry solids clogging the hose.
- Step 2 - open the canister valve on top to release the remaining gases.
- Step 3 - use non-sparking tools to perforate the canister at the weak round spot on top of the canister.
- Step 4 - remove the flammable gas label.

Non-empty canister and/or canisters that are still pressurized must not be punctured and must be disposed as dangerous goods in accordance with relevant legislation or local waste company.

PRECAUTIONS

Refer to Safety Data Sheet. Extremely flammable. Keep away from possible ignition sources during storage and use. Do not smoke when using. For professional use only. Use only in well-ventilated areas. The canisters are highly pressurized and must not be stored in locations where crushing or puncturing of the canister is possible. The canisters are not suitable for a refill. Do not disassemble or make adaptations to the spray gun. Avoid prolonged inhalation and contact with skin and eyes. Keep out of reach of children.

Protect all areas subject to "overspray" of the adhesive. This includes but is not limited to:

- Cars parked adjacent to the building receiving the adhered roofing membrane;
- Air intakes/ exhausts on the roof
- HVAC units, drains, access hatches, skylights and windows and any other item or person which may be downwind from spraying the adhesive.

Do not apply the adhesive when wind conditions are not favourable.

TECHNICAL DATA

Base	Blend of SBR rubbers
Colour	Green
Solvents	Acetone, Butanone, n-Hexane
Solids	39 ± 1%
Viscosity (cP)	200 – 600
Specific gravity	0.82 ± 0.01
Flash Point	-35°C

Toll Free Technical Services: 0800 227 339 (New Zealand)

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable New Zealand & Australian Standards, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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