

ADPHALT

Polyurethane Roofing Adhesive

Physical Properties

Tensile Strength	14N/cm ²	
Elongation	25%	
Skin Time	4 min @ 21° C @ 50% R.H.	
Coverage	250 ft ² / 750 ml	
	4 cans cover 1000 ft ² of ¾" bead @ 12" o.c.	
Application Temp	-5° C - 40° C	
Service Temp.	-40° C to 80° C	
Uplift Resistance	¼" prot. Bd/EPS	16.9 kpa (353 lbs/ft ²)
	EPS/EPS	15.7 kpa (328 lbs/ft ²)
	Fibre board/eps	6.9 kpa (144 lbs/ft ²)
	Base Sheet/EPS	6.9 kpa (144 lbs/ft ²)
	Perlite/EPS	6.2 kpa (129 lbs/ft ²)
	Dens Glass/Iso	13.6 kpa (285 lbs/ft ²)
	Perlite/Iso	9.2 kpa (210 lbs/ft ²)

Description

Adphalt is a rapid setting flexible polyurethane based insulation adhesive which develops a strong resilient bond. The product because of its unique application method can be applied rapidly and economically. *Adphalt* is especially formulated to be used with felt or glass faced polyisocyanurate, expanded polystyrene, extruded polystyrene, fibre glass, fiberboard, perlite, asphaltic cover boards and gypsum based board stock.

Features

- cold applied adhesive for polyisocyanurate, EPS, XPS, fibreboard, perlite, fiberglass and gypsum board
- sets rapidly and develops a strong bond
- rapid precise installation
- economical to use
- odourless
- may be applied to -5° C
- compatible with asphalt, coal tar, modified bitumen, PVC, TPO, EPDM, and polyethylene
- can be applied at temperatures below freezing



Uses

Used for bonding roofing insulation boards to steel, concrete wood or gypsum board substrates as well as modified bitumen or built up roofing membrane air/vapour barriers as well as self adhered air/vapour barriers in the construction of low slope roofing systems.

Can be used to laminate insulation panels to itself and for adhering fibreboard, asphaltic protection board, gypsum board, Dens Deck and perlite to panels of insulation.

May be used to adhere gypsum board to steel or wood roof decks.

Adphalt is compatible with and can be used to adhere insulation panels to existing asphalt or coal tar roofs.

Limitations

Not to be used to adhere polyisocyanurate foam insulation panels exceeding 1200 mm x 1200 mm (4' x 4') in size.

Preparation

Surfaces must be sound, clean, dry and free from contaminants and loose material.

Application

For application at low temperatures condition the adhesive at room temperature.

Shake cans for a minimum of 30 seconds.

Insert the cans in to the *Adphalt* applicator

Screw the container tips in place.

Position the applicator before turning the applicator lever.

Apply the adhesive while walking backward at a constant speed.

Place roof insulation panels into the adhesive immediately.

CleanUp

Use an ether based cleaner especially formulated for polyurethane foam. Do not use water on uncured foam.

Caution

Keep containers out of sun when not in use. Contents are under pressure.