

DUOTACK



COMPLEMENTARY PRODUCTS

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET 231027SCANF

(supersedes 210609SCANF)

DESCRIPTION

DUOTACK is a low-rise, two-component, polyurethane adhesive.

DUOTACK is used to adhere layers of insulation boards of polystyrene, of polyisocyanurate, of approved mineral fibre (stone wool) and for cover boards such as asphaltic, wood fibre, perlite, gypsum or cement boards.

It is also used for the attachment of these same boards together or on wood, concrete, sanded surface of bituminous vapour-barrier and SOPRAVAP'R membranes. DUOTACK can be used to adhere thermal barriers on steel decks. DUOTACK is also compatible with Coal Tar Pitch.

SURFACE PREPARATION

Surfaces must be dry, clean and free of oil, grease, debris or dirt.

APPLICATION

** Please read the restrictions before the application of the products.

GENERAL

During application, it is important to immediately place the boards over the applied adhesive. Try to avoid uneven surfaces, to ensure proper adhesion to the substrate.

For most projects, the required amount of adhesive varies from zone to zone.

For more details about the required amount adhesive, consult the Wind Uplift Resistance Testing reports according to Canadian standard CSA A123.21-14 or publications according to FM 4470 (RoofNav Database) including recommendations for corners and perimeters listed in the PLPDS 1-29 from Factory Mutual.

FOR COMPLETE INFORMATION ON PRODUCT APPLICATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

RESTRICTIONS

CARTRIDGES: 12 hours before the moment of the application, the adhesive must be maintained at a minimum temperature of 20 °C (68 °F). Non-compliance with these instructions can cause product degradation and equipment failure.

Using the battery-operated applicator for DUOTACK, apply DUOTACK in continuous strips of 13 to 19 mm ($\frac{1}{2}$ to $\frac{3}{4}$ in) wide at the time of application.

CUBITAINERS: 24 hours before the moment of the application, the adhesive must be maintained at a minimum temperature of 20 °C (68 °F). Non-compliance with these instructions can cause product degradation and equipment failure.

They have to be dispensed through an approved low-pressure pump cart which equally mixes Part A and Part B of the adhesive (1:1 ratio by volume).



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PACKAGING

Specifications		DUOTACK		
		Part A	Part B	Part A+B
Colour		Amber	Light grey	Light grey
Container	Cartridges ⁽¹⁾	750 mL (0.2 gal US)	750 mL (0.2 gal US)	1.5 L (0.4 gla US)
	Cubitainer	18.9 L (5 US gal)	18.9 L (5 US gal)	37.8 L (10 US gal)
	Barrel	56.8 L (15 US gal)	56.8 L (15 US gal)	103.6 L (30 US gal)
	Drum	189.0 L (50 US gal)	189.0 L (50 US gal)	378.0 L (100 US gal)
Coverage	Cartridges	From 37 to 55 m ² (400 to 600 ft ²) for a box of four (4) dual cartridges		
	Cubitainer	From 230 and 350 m ² (2,500 to 3,800 ft ²) for a kit.		
	Barrel	From 690 and 1050 m ² (7,500 to 11,400 ft ²) for a kit.		
	Drum	From 2 300 and 3 500 m ² (25,000 to 38,000 ft ²) for a kit.		

(1) DUOTACK is packaged in four (4) double cartridges for use with an applicator.
(All values are nominal)

PROPERTIES

Properties	Standards	DUOTACK
Viscosity, Brookfield @ 25 °C (77 °F)	Part A Part B ASTM D 2556	1,800 cP 2,800 cP
Cream time	-	15 sec
Rise time	-	Approximately 2 minutes
Curing time	-	15 minutes

Curing time was determined under ideal application conditions: 25 °C (77 °F) and 50% relative humidity. Curing time will be longer at lower temperatures and shorter at higher temperatures.
(All values are nominal)

CLEANING

Tools and uncured adhesive can be cleaned with solvents, such as mineral spirits, Varsol, Xylene, etc.

STORAGE AND HANDLING

Storage: Up to 12 months in original sealed container, protected from moisture. DUOTACK adhesive in cartridge can be applied or stored at any temperature. DUOTACK adhesive in cubitainers **MUST NEVER BE STORED AT TEMPERATURES BELOW 0 °C (32 °F)**. Store in a ventilated place, away from heat and direct sunlight.

For more information, refer to instructions on the container label and relevant safety data sheet (SDS).



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NOTE: All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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