



TECHNICAL DATA

PRODUCT CODE

121 950

Technical data # 20060531

«RAPID PATCH»

DESCRIPTION

Exterior multipurpose, bituminous mastic that dries by solvent evaporation.
(for 3.78 L and 19 L sizes, you must use 121000 technical data sheet)

INTENDED USES

«RAPID PATCH» seals joints between two perpendicular or juxtaposed surfaces subject to low thermal movement and seals shingles, flashings or small holes.

«RAPID PATCH» can seal small gaps with a diameter less than 6 mm (¼ in.).

REMARKS: → not to be used on or near materials which may be affected by solvents;
→ does not withstand immersion (tanks) or abrasion (foot traffic).

ADVANTAGES

- ⇒ No primer required.
- ⇒ Allows a joint movement up to $\pm 2\%$ of the original width.
- ⇒ Sticks on dry or damp surfaces.
- ⇒ Stops leaks.
- ⇒ Withstands weathering.
- ⇒ Can be applied on vertical or horizontal, overhanging, surfaces without subsiding or sagging.

STORAGE AND APPLICATION TEMPERATURE

«Rapid patch» does not deteriorate below freezing point. Anyhow, since its viscosity increases when the temperature drops down, it is recommended to store it in a dry place of which the temperature is between 10°C (50°F) and 30°C (86°F) to make sure its use is possible. Thus, the sealed cartridges could be preserved for 2 years.

«Rapid patch» can be applied either in winter or in summer at a temperature between -7°C (20°F) and 30°C (86°F).

SURFACE PREPARATION

When the joint covers an aperture of 6 mm (1/4 in.) or larger, the joint must be sustained by a backing rod in polyethylene. The diameter of the backing rod must be approximately 3 mm (1/8 in.) wider than the width of the joint to permit compression.



If the application of «RAPID PATCH» is to be made at a temperature lower than 5°C (40°F), the surface must be at a temperature at least 3°C (5°F) higher than dew point.

If an old sealant or putty is present, they must be taken off. The surface must be in a seemingly new, firm and clean state. It must also be free of creosote, oil, grease, wax, silicone or silicone based product, rust, any loose or foreign material or any material soluble in solvents.

Concrete and masonry must be scraped with a metallic brush so as to get a sound, firm, stainless surface.

APPLICATION

Cut the nozzle of the cartridge at right angle (90°), a little narrower than the width of the desired joint.
Pierce the aluminum patch sealing the cartridge inside the nozzle.



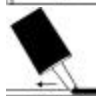
Use a caulking gun and apply with a uniform and adequate pressure so as to give the joint a convex form. During the extrusion of «Rapid patch» the angle in-between the gun and the joint to be made must be approximately 45°.



Pull the tip of the gun away from the joint, as illustrated.

Make sure the sealant comes into contact with each of the surfaces on a width at least 3 mm (1/8 in.).

For shingles adhesion: apply one spot of 1 inch diameter by 1/16 inch thickness for each tab.



COVERAGE**Linear metres per 300 ml cartridge:**

Depth (mm)	6	8	10	12	14	16
Width (mm) 6	11	8	6,4	5,3	4,5	4
8	8	6	4,8	4	3,4	3
10	6,4	4,8	3,8	3,2	2,7	2,4
12	5,3	4	3,2	2,7	2,3	2

Linear feet per 300 ml cartridge:

Depth (in.)	1/4	3/8	1/2	5/8
Width (in.) 1/4	31	20,7	15,5	12,4
3/8	20,7	13,8	10,3	8,3
1/2	15,5	10,3	7,7	6,2
5/8	12,4	8,3	6,2	5

Linear metres per 800 ml cartridge:

depth (mm)	6	8	10	12	14	16
width (mm) 6	28	21	17	14	12	11
8	21	16	13	11	9	8
10	17	13	10	8	7	6
12	14	11	8	7	6	5

Linear feet per 800 ml cartridges:

Depth (in.)	1/4	3/8	1/2	5/8
Width (in.) 1/4	83	55	41	33
3/8	55	37	28	22
1/2	41	28	21	17
5/8	33	22	17	13

TECHNICAL GUIDE

GENERAL APPEARANCE:	Homogeneous paste, fibrous, free of lumps and easy to extrude.
COLOR:	Black.
COMPOSITION:	Asphalt (bitumen) (binder), mineral fibers, inert charges (pigments), solvents (volatile material) and other additives.
VHIMS CLASSIFICATION:	Cartridge: D2A; depth: B3 D2A.
CLEANING AGENT (wet product)	Use mineral spirit
CLEANING AGENT (dry product)	Use a putty knife and mineral spirits or another effective solvent; take care not to affect the other surfaces with too strong a solvent.
CLEANING AGENT (skin contact):	Wash with mineral oil, as soon as possible then wash with soapy water and rinse.
FLAMMABILITY:	At application: flammable; Dried: combustible.
VISCOSITY:	290 M cps;
FREEZE-THAW STABILITY:	«RAPID PATCH» will not be damaged by the frost.
APPLICATION METHOD:	Caulking gun;
SURFACE APPLICATION:	Horizontal or vertical joints;
MINIMUM SIZE (cartridges):	Width and depth: 6 mm (1/4 in.).
MAXIMUM SIZE (cartridges)	Width: 16 mm (5/8 in.); Depth: 10 mm (3/8 in.).
VERTICAL JOINTS SAGGING:	CAN/CGSB-19.0-M77 method 7.1: inferior to 3 mm.
SERVICE TEMPERATURE:	Minimum: - 30°C (-22°F); Maximum: 50°C (122°F).
ELASTICITY:	± 2%.

RESTRICTIONS

Make sure the joint variation does not exceed the «RAPID PATCH» elasticity.

The drying time of «RAPID PATCH» depends on temperature, relative humidity and ventilation.

The shelf life is diminished by warehousing over 25°C (77°F).

Not for joints submerged in water for prolonged periods of time.

Adhesion on materials not specifically mentioned cannot be guaranteed. It is up to the customer to make his own performance tests or to consult our technical department.

SAFETY PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Before using «RAPID PATCH», read its material safety data sheet.

Avoid using in a place where the solvents evaporating from «RAPID PATCH» could affect food or any other product sensitive to odors or inside residences where sensitive people are present.

If the product is used indoors (factory), the area must be ventilated to the outdoors during application and drying time of «RAPID PATCH». Do not recycle the air. Work in good ventilation conditions.

«RAPID PATCH» contains flammable solvents. Do not smoke when using the product.

Eliminate all sparks, flame or heat producing sources in or near the work area.

Disposal: consult your municipality to dispose in conformity with regulations.