



TECHNICAL DATA

PRODUCT CODE

136 950

Technical data # 20140120

«PITCH»

DESCRIPTION

Exterior multipurpose, bituminous mastic that dries by solvent evaporation.

INTENDED USES

Used to seal joints between two perpendicular or juxtaposed surfaces subject to low thermal movement.

«PITCH» seals shingles and flashings or small holes in foundations before the application of the foundation coating.

«PITCH» can seal small gaps with a diameter of less than 12 mm (1/2 in.).

REMARKS:

- Use on dry surfaces only;
- Do not use in contact with surfaces such as insulation panels (polystyrene, etc.) which can be damaged by solvents;
- Does not withstand immersion (tank) or abrasion (foot traffic).

ADVANTAGES

- ⇒ No primer required.
- ⇒ Allows a joint movement up to ± 2% of the original width.
- ⇒ Withstands weathering.
- ⇒ Stops leaks.
- ⇒ Seals gaps of bituminous roofs.
- ⇒ Can be applied on vertical, horizontal or overhanging surfaces without subsiding or sagging.

STORAGE AND APPLICATION TEMPERATURE

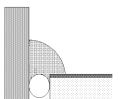
«PITCH» does not deteriorate below freezing point. Anyhow, since its viscosity increases when the temperature drops, it is recommended to store it in a dry place where the temperature is between 10°C (50°F) and 30°C (86°F) to make sure its use is possible. Under these conditions, the sealed cartridges could be preserved for 2 years. Apply whenever the air and the surface temperatures are between 4°C (40°F) and 50°C (122°F).

SURFACE PREPARATION

There must be a free space between the two materials to permit their dimensional variations. Once applied, the sealant caulks the aperture. It will get compressed or stretched out depending on the movement of the materials.

To determine the size of the joint, one must take into consideration the expansion or the contraction the materials will be subjected to with humidity and temperature variations. It must be also noted that some materials have greater dimensional variations than others. If possible, apply «PITCH» whenever the size of the aperture between the materials is in-between.

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.



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

If an old sealant or putty is present, it 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.

APPLICATION

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

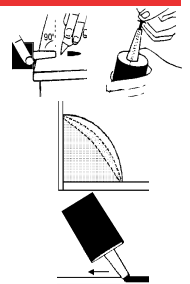
Pierce the aluminum patch sealing the cartridge inside the nozzle.

Use a caulking gun and apply with a uniform and adequate pressure so as to give the joint a flat or a convex form. During the extrusion of «PITCH» 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 surface on a width of 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:							Linear feet per 300 mL cartridge:				
Depth (mm)	6	8	10	12	14	16	Depth (in.)	1/4	3/8	1/2	5/8
Width (mm) 6	11	8	6.4	5.3	4.5	4	Width (in.) 1/4	31	20.7	15.5	12.4
8	8	6	4.8	4	3.4	3	3/8	20.7	13.8	10.3	8.3
10	6.4	4.8	3.8	3.2	2.7	2.4	1/2	15.5	10.3	7.7	6.2
12	5.3	4	3.2	2.7	2.3	2	5/8	12.4	8.3	6.2	5

TECHNICAL GUIDE

GENERAL APPEARANCE:	Homogeneous paste, fibrous, free of lumps and easy to extrude.
COLOUR:	Black.
COMPOSITION:	Asphalt (bitumen) (binder), mineral fibres, inert charges (pigments), solvents (volatile material) and other additives.
CLEANING AGENT (wet product):	Use mineral spirits.
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):	As soon as possible, wash with mineral oil, then wash with soapy water, and rinse.
FLAMMABILITY:	At application: flammable; Dry: combustible.
FREEZE-THAW STABILITY:	«PITCH» will not be damaged by the frost.
APPLICATION METHOD:	Caulking gun.
SURFACE APPLICATION:	Outdoor vertical or horizontal joints.
MINIMUM SIZE:	Width and depth: 6 mm (1/4 in.).
MAXIMUM SIZE:	Width: 16 mm (5/8 in.); Depth: 10 mm (3/8 in.).
STANDARDS:	Associated to CAN/CGSB-37.5.
SERVICE TEMPERATURE:	Minimum: -30°C (-22F), Maximum: 50°C (122°F).
ELASTICITY:	± 2%.

RESTRICTIONS

- Does not adhere to polyethylene, polypropylene, recycled plastic, Teflon or other comparable materials.
- Do not use on a flat roof where pounding water could be present.
- Do not use on frozen or damp surfaces.
- Make sure the joint variation does not exceed the «PITCH» elasticity.
- The drying time of «PITCH» 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 material 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 «PITCH», read its material safety data sheet.

- Avoid using it in a place where the solvents evaporating from «PITCH» could affect food or any other product sensitive to odours.
- If the product is used indoors (factory), the area must be ventilated to the outdoors during application and drying time of «PITCH». Do not recycle the air.
- «PITCH» contains flammable solvents. Do not smoke when using the product. Work in good ventilation conditions.
- Suppress all flash sources, flames or intense heat at the working place and near it.
- Disposal:** Consult your municipality to dispose in conformity with regulations.

WARRANTY

PPG Architectural Coatings Canada, Inc. warrants performance of its products to its intended use if properly applied in accordance with the label directions and the specifications of the technical data sheet. Having no control over the application methods and conditions or the circumstances related to its use, no other warranty, expressed or implied, statutory or otherwise is given. This limited warranty extends only to the original purchaser of the product and is not transferable or assignable. If the product fails to conform to this limited warranty, we will, at your option, furnish replacement product or refund the purchase price. This limited warranty excludes (1) labour or costs of labour for the application or removal of any product and (2) all other direct, indirect, incidental, special or consequential damages.