



PRODUCT No.:1.520

## **SATECMA<sup>®</sup> ELASTIC PM 33** **POLYURETHANE ELASTIC SEALANT**

### **DESCRIPTION:**

Elastic mastic, designed for joining and sealing a great range of materials used in construction, bodywork, plumbing, electricity, etc.

The mastic, after being applied, polymerises by chemical reaction of its components with environmental moisture. When hard, it can be painted with flexible paints.

SATECMA<sup>®</sup> ELASTIC PM-33 has the property of absorbing and decomposing charges, which is not possible in rigid joints. Its use in construction material union will prevent the formation of cracks due to vibration and thermal expansion.

Besides, the use of **SATECMA<sup>®</sup> ELASTIC PM 33**, protects from galvanic corrosion processes when applied for sealing metal surfaces made of different metals.

### **PROPERTIES:**

- Easy application, in horizontal or vertical surfaces, without fallings.
- Does not lose flexibility with time.
- Weather resistant; it is not affected by temperature changes.
- Provides tightness to sealed joints.
- Protects against galvanic corrosion.
- Adheres perfectly to most of the materials, including aluminium, wood, brick, concrete, cement, tiles, ceramics, etc.
- Great capacity of absorbing vibrations, shocks and tensions.
- Quick hardening.

### **SUPPORT CONDITIONING:**

Surfaces must be dry and free from grease, oil, dust or any other pollutant. Loose grout, as well as paint or cement remains must be removed. Should these conditions not be observed, there could be adherence problems since the support would not be well conditioned.

The removal of badly adhered dust or cement should be made with compressed air which will be introduced along the crack or joint to be sealed.

### **FIELD OF APPLICATION:**

**SATECMA<sup>®</sup> ELASTIC PM 33**, is recommended in the following cases:

- As sealant of wooden or metal framework and construction elements.
- For sealing joints in floors or concrete pavements.
- Piping separation with concrete nests.
- For sealing and joining tiles
- Windows and doors sealing
- For joining roof tiles, fall pipes, rain gutters and terraces
- When placing wooden or pre-cast panels, it can be used as elastic adhesive, as it's used when placing mop-boards and baseboards.
- As sealant for vertical joints in walls made of concrete, cement, stone, etc, providing them with tightness
- For repairing cracks in floor and walls.



In automotion and bodyworks, it can be used for tightness in doors, windscreens, side windows, boot sealing, ornament injection, lights and all those elements which can be joined with elastic adhesives.

**TECHNICAL DATA:**

Composition	:	Polyurethane hardening when in contact with environmental moisture
Density	:	1,20 ± 0,03 gr./cm <sup>3</sup> .
Drying time	:	Touch, 1 hour approx.
Hardening	:	3-7 mm. Thickness every 24 hours at 23°C and 50% R.H.
Elongation	:	Above 300%.
Module 100 %	:	0,6 MPa
Shore A hardness	:	40
Temperature resistance	:	From - 30°C to + 90°C.
Chemical resistance	:	Resistant to water, salt water, weak alkalis and acids Does not resist solvents or thinners Not resistant to strong alkalis or acids. Not resistant to long action of oils, greases and fuels.

The capacity of absorbing shocks, vibrations and tensions depends on the mastic thickness. It's not recommended the application of thickness below 1,5 mm in these cases.

Colours : White, grey, black and brown.

**METHOD OF USE:**

Apply according to the instructions printed on the cartridge.

The cleaning of mastic remains on tools will be made with suitable solvents.

In too deep joints, it's recommended to fill them with some suitable filling material before applying the mastic, thus having less consumption of product and faster hardening of the mastic.

**PRECAUTIONS:**

- The movement of joints submitted to vibrations should not be higher than 20% of joint width
- Until the mastic is hardened, it's not recommended to expose the sealed area to water action or to any other aggressive product.
- While applying, the coming of air into the mastic should be prevented.
- Do not apply below 5 °C or with relative humidity above 85%.
- Do not apply when rain is expected before 2 hours after application.
- Store in a dry place, protected from frost.

**PACKAGING:**

In 310 cc cartridges.

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