

## Saratoga SCHIUMA RAPIDA for ROOF TILES Technical Data Sheet

Saratoga SCHIUMA RAPIDA for ROOF TILES is a one-component self-expanding polyurethane based foam, to place roof tiles in gray cement colour, that cures thanks to the atmospheric humidity.

The uniform cellular structure, with mainly closed pores, the dimensional stability and the mechanical properties, make the product ideal for placing roof tiles and with exceptional resistance to freeze-thaw cycles and wind action; ideal for insulating, waterproofing, deafening and sealing.

### APPLICATION FIELDS

Saratoga SHIUMA RAPIDA for ROOF TILES is used to place roof tiles, has excellent adhesion to every common materials used in building industry, both smooth and porous: wood, concrete, plaster, metals and plastic materials (except for polyethylene, teflon and silicone).

When cured, it is microorganism and mildew resistant and has excellent resistance to chemical agents. It can be drilled, cut and varnished.

Waterproof, resists to heat, cold and ageing. Once applied, it must be protected from UV rays and sunlight.

### APPLICATION AND INSTRUCTIONS

- All surfaces must be clean, degreased, compact and with no crumbly parts.
- Shake can well before each use.
- Use gloves included in the cap of the can, to avoid skin contact.
- For hand can extrusion, tighten the adapter to valve nozzle, avoiding to press, for not actioning the valve; for Matic can extrusion (=for gun), tighten the can to collar gun and adjust thickness to curb desired through screw measuring device.
- Extrude the foam using can upside down.
- Apply on roof surface previously wetted with water, 2 foam stripes of 2-3 cm diameters at every line of shingles or roof tiles and place them within 5 minutes using a slight pression.
- Roof tiles and shingles must be clean and wetted before apply foam.
- Later, between one shingles or roof tiles line and another, apply two points of foam, to bind them.
- Place within 5 minutes the upper roof tiles, using a slight pression.
- After using Matic can (=for gun), the can has to be used within about 4 weeks. With intervals of time between applications less than 2 weeks, it is suggested to leave the can attached to the gun; for longer intervals, remove the can and tighten on the gun the foam cleaning can Saratoga Foam Cleaner to clean the gun itself. Clean the residual fresh foam with Saratoga Foam Cleaner, using the special red nozzle given, lacking it, use acetone or trichlorethylene.
- Usually clean fresh foam with acetone or trichlorethylene; when cured can be removed with a blade.

The foam is gray cement coloured.

Saratoga Shiuma Rapida for Roof Tiles is self-expanding: expands twice its volume, so do not fill the gap over the midpoint.

	<b>Specific data</b>	<b>Rapida</b>	<b>Matic</b>
Applied surface	m <sup>2</sup>		5-7
Thickness (free expansion)	Kg/m <sup>3</sup>	15	13
Cell size		medium-thin	
Skin formation time	minutes		6-8
Working time: cut (2 cm bead)	minutes		15
Cure time (2 cm bead)	ore		6-8
Application temperature	°C		+5 / +35
Temperature resistance	°C		-40 / +100
Tensile strength	MPa	0,01	0,08
Shear strength	MPa	0,06	0,07
Compression strength	MPa		0,05
Thermal conductivity	W/mK		0,04
Water absorption	% V/V		0,3

At 23°C and 50% relative humidity

### STORAGE AND SHELF LIFE

Between +20 and +25°C its shelf life is 18 months since manufacturing date.

### CAUTIONS

Keep out of the reach of children.

Consult Material Safety Data Sheet for full list of hazards and the directions on the product label itself.

For further information, please visit our site [www.saratoga.it](http://www.saratoga.it)

Product Description	Pack size	Product code	Box quantity	EAN code
Can	750 ml	85 223 001	12	8 005860 852235
MATIC can	750 ml	85 222 001	12	8 005860 852228



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