

Saratoga SCHIUMA RAPIDA Technical Data Sheet

Saratoga SCHIUMA RAPIDA is a one-component self-expanding polyurethane based foam; it 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 fixing, insulating and sealing.

APPLICATION FIELDS

SCHIUMA RAPIDA fills penetrating every gap and is used for assembling, sealing and insulating door and window frames, and window boxes, for filling and sealing joints, grooves, gaps and pipes passing, to do or complete thermal and acoustic insulation coverings, and to fix electrical boxes.

Perfect adhesion to every common materials used in building industry, both smooth and porous: wood, cement, plaster, metals, and plastic materials (except for polyethylene, teflon and silicone).

When cured, it is microorganisms and mildew resistant and has excellent resistance to chemical agents. It can be drilled, cut, plastered 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 and degreased.
- Wet surfaces with water before foaming.
- Shake can well before each use.
- For a perfect performance, can temperature should be between 18 and 22°C.
- 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.
- It is recommended to wet also during and after the application, for a better yield.
- The foam is self-expanding: expands twice his volume, so do not fill the gap over the midpoint.
- 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 gun after usage, if still fresh with Saratoga FOAM CLEANER, using the special red nozzle.
- Clean the fresh foam with acetone or trichlorethylene; when cured can be removed with a blade.

<i>Specific data</i>		Rapida	Matic
Yield (free expansion) up to			
500 ml can	litres	25	
750 ml can	litres	35-40	45
Thickness (free expansion)	Kg/m ³	17	15
Cell size		medium-thin	
Skin formation time	minutes	6-8	4-6
Working time: cut (2 cm bead)	minutes	13-16	7-9
Cure time (2 cm bead)	ore	6-8	
Application temperature	°C	+15 / +35	
Temperature resistance	°C	-40 / +100	
Tensile strength	MPa	0,1	0,08
Elongation at break	%	26	18
Shear strength	MPa	0,06	0,03
Compression strength	MPa	0,03	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 12 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

Product Description	Pack size	Product code	Box quantity	EAN code
Can	500 ml	85 211 001	12	8005860852112
Can	750 ml	85 208 001	12	8005860852082
MATIC can	750 ml	85 250 001	12	8005860852501



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