

Gomastit 810

1-component-polyurethane-rapid foam, moisture curing, CFC-free

Technical Data

Elongation at break, DIN 53455	13 %
Reboiling	up to 200 %
Foam quality	half-hard
Fire behavior	DIN 4102 B3
Thermal conductivity, DIN 52612	0,03 W/mK
Joint sound-absorbing measure for assembly foam for sound-absorbing windows	up to 58 dB
Cure	Depends on humidity and temperature
Tack free	after 10 Min.
Cutable	after ca. 60 Min.
Fully loadable	after 15 – 24 hours depending on strand strength
Density at 23 °C / 50 % H.R.	ca. 10 – 15 kg/m ³
Temperature resistance	-40 °C to +80 °C
Can temperature	+5 °C to + 30 °C

All measurements were performed under normal conditions (23 °C and 50 % relative humidity).

Application

Rapid assembly of structural elements like door cases, window frames, for insulation, isolation and gluing.

Gomastit 810 is not UV-resistant.

Technical data sheet Gomastit 810

Important notes

Gomastit 810 is not UV-resistant.

Attention: Do not warm Aerosol-can over 50°C. Do not open violently. Throw away only completely emptied cans. Do not spray into open fire.

Substrate preparation

The substrate must be stable, clean, dust-, oil- and fat-free. Good results can be achieved with rubbing alcohol.

Adhesion promoter

Moisten well the substrate before foaming.

Processing

- ▣ The subsoil has to be free of dirt, loose pieces and separating agents, oils, greases etc.
- ▣ Shake well (app. 20x!) before application and unscrew valve
- ▣ Hold can down for foaming!
- ▣ The quantity of out coming foam is measurable by pressure on the valve
- ▣ Fill hollow spaces from the lowest spot and only half, as the foam will expand itself app. 2-3 times
- ▣ Surplus material can be cut after the hardening
- ▣ The processing can be interrupted anytime.
- ▣ For longer interruptions unscrew valve and clean it with MEK cleaner or acetone
- ▣ Attention: Once hardened, foam can not be removed anymore
- ▣ Pull rests of foam in the valve with a wood screw
- ▣ We recommend wearing gloves and eventually protective goggles during the processing
- ▣ Gomastit 810 produces half-hard foam
- ▣ It adheres excellently on concrete, plaster, walls, fiber concrete, wood, PS- and PUR-hard foams and various plastics like polyester, hard-PVC etc. (except fluorinated hydrocarbons, polyethylene and silicone gum)
- ▣ Moisten the substrate well before foaming

Colours

- ▣ Beige yellowish

Packaging

▣ Aerosol-can of 750 ml equal approx. 40l rapid foam (foamed freely at 23°C / 50% H.R.) in cartons of 12 pieces

Shelf life and storage conditions

- ▣ 15 months from date of production
- ▣ Store cool, dry and upright
- ▣ Further information on request

Work and environmental safety

Important information about work and environmental safety is available on the material safety data sheet.

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