
ripple
friulsider
friulsider
FM

PUR

Polyurethane foam

The evolution of Polyurethane Foam

- Polyurethane foam for construction industry is widely used. Single component pressurized containers are available for ease of applications at jobsites.
- The foam classified by its fire resistance class (**as per DIN 4102**)

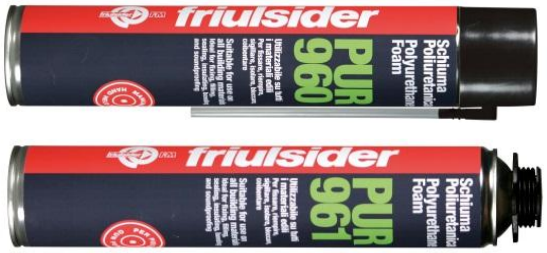
  B1 - On contact with a naked flame, the foam will not burn or catch fire

  B2 - On contact with a flame, the foam will also starts burning, when the source of flame is removed, it self-extinguishes.

  B3 - On contact with a flame, the foam will also starts burning, when the source of flame is removed, it continues to burn.
- Polyurethane foam is specialized in construction and its applications are manifold.
- The tendency is to have a foam for each application or nature of work.

PUR FOAMS

POLYURETHANE FOAMS



PUR 960 & 961
General purpose class B3

PUR 962 WINTER
low temperature –10°C

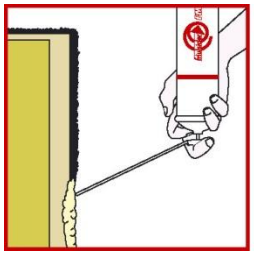
PUR 963
All positions, class B2

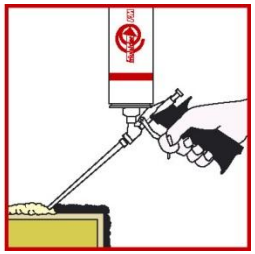
PUR 964
Professional Use class B2

PUR 965 & 966
Roofing tile/reduced expansion class B2

PUR 967
certified REI 180.
class B1 – Fire Retardant
the foam self-extinguishes

PUR 968
Flexible Window/Door frames
class B2 – Fire Retardant





PUR 969
Insulation, class B2

PUR 972
Waterproof, class B3

PUR Cleaner
Solvent for cleaning foam

PUR 972

Waterproof

PRESSURE RESISTANT

WATERPROOF SEALING

For the installation of Water

Traps, Tanks, Rings, Pipes etc

PUR 972

POLYURETHANE FOAM

Characteristics

- Net Contents -750 ml - Yellow Colour
- Freely yielded foam = aprx. 40-45 lts.
- B3 as per DIN 4102
- For Manual Hand held use
- Acoustic Insulation (EN ISO 771-1) = 58dB
- Thermal Conductivity (DIN 52612) = 0.039W/mK
- Elongation at break (DIN 53455) = 20-25%
- Water absorption (DIN 53428) = max 1 vol %
- Dimensional Stability = Max 1%

PUR 972

POLYURETHANE FOAM

Characteristics

- No shrinkage
- Max elasticity
- Flexibility grade similar to silicone sealers
- Can hold pressure up to 0.5 bars
- Tack-free time @ 18°C & 60% rh = 7-10 mnts
- Curing time aprox. 24 hours
- Density of cured foam = 22-24 Kg/m³
- Temperature resistance = -40°C to +90°C
- Tensile Strength (DIN 53455) = 0.07 – 0.08 Mpa
- Compression Strength (DIN 53421) = 0.04-0.05 MPa

PUR 972

POLYURETHANE FOAM

Characteristics

High acoustic insulation

58 dB (DIN 717-1)

(certified data)

Characteristics

High thermal insulation

0.039 W/(m K)

PUR 972
POLYURETHANE FOAM

Application areas

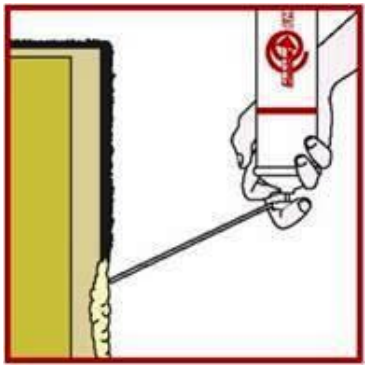
PUR 972
POLYURETHANE FOAM

How does it work?

- The Working surface should be free from Grease, Oil & clean
- It is recommended to dampen the substrate or a mist spray of water on the substrate prior to the foam application
- Shake the PUR 972 Can up & down repeatedly several times
- Remove the Cap, there is a pair of disposable gloves to wear
- Screw the Nozzle on to the valve carefully without pressing
- Use the PUR 972 can upside down while extrusion of Foam
- For substrates where water retaining structures, apply a bead of 3 cms all around the perimeter or into the joints
- Complete work in 5 minutes as the foam becomes tack-free
- For connections/Joints – Only partially fill the cavity. After extrusion, the foam will self expand ensuring good waterproofing of the elements.
- Leave the applied foam to cure for around 24 hours

PUR 972

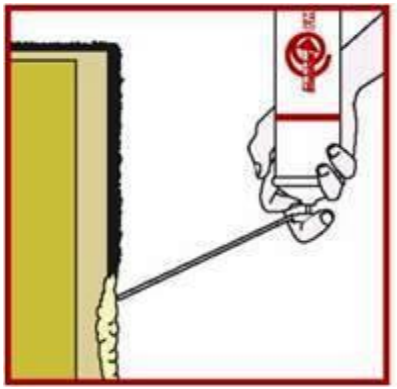
POLYURETHANE FOAM



Recommendations

- Cured PUR Foam should be protected against UV light
- Do not apply where Foam is exposed to Sunlight
- Use Organic Solvents such as Acetone, NC Thinner for cleaning the fresh foam from the nozzle, Valve etc
- Once cured, foam can only be removed mechanically
- The ideal working temperature +20°C to + 25°C
- Keep away from sources of ignitions.
- Do not spray on a naked flames or fire
- Do not pierce or burn even after empty the can
- Dispose the cans as per standard norms
- Protect from direct sunlight and do not expose to the temperatures exceeding +50°C
- Store cans upright in dry & cool place under +25°C

Accessories



Plastic Dispenser

PUR Foam Cleaner


Thank You!