

**ripple** **friulsider**

# PUR 972

Polyurathene foam

## Polyurathene foam for Water proof



**STOP & GO APPLICATION**  
Clean nozzle with solvent  
before cured

**WATER PRESSURE**  
Can hold up to 0.5 bars



**FIRE RETARDANT FOAM**  
B3 class as per DIN 4102

**HIGH YIELD**  
750 ml yields up to 40 - 45 litres  
volume when freely foamed



AVAILABLE IN :

**750  
ml**

**friulsider**

since 1966

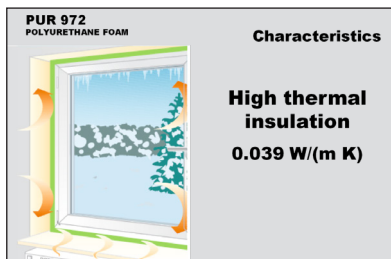
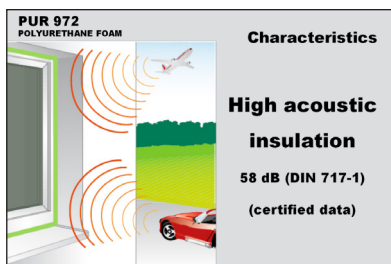
CERTIFICATION OF QUALITY MANAGEMENT SYSTEM  
ISO 9001 Cert. n° 1085

CERTIFICATION OF ENVIRONMENTAL MANAGEMENT SYSTEM  
ISO 14001 Cert. n° 0050A



**PUR 972**

## Professional use polyurethane foam - WINDOW FRAMES

**Physical Properties**

- Net Contents -750 ml - Yellow Colour
- Freely yielded foam = aprx. 40-45 lts.
- Max elasticity
- 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%

**Mechanical Properties**

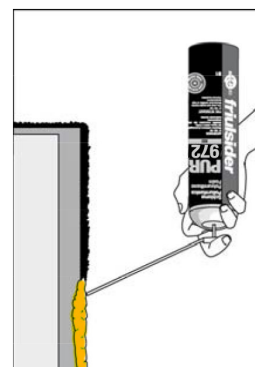
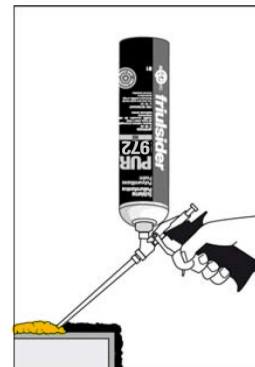
- Flexibility grade similar to silicone sealers
- Can hold pressure up to 0.5 bars
- Tack-free time @ 18°C & 60% rh = 7-10 mnts
- Curing time aprox. 24 hours
- Density of cured foam = 22-24 Kg/m³
- Temperature resistance = -40°C to +90°C
- Tensile Strength (DIN 53455) = 0.07 – 0.08 Mpa
- Compression Strength (DIN 53421) = 0.04-0.05 MPa

**Installation procedure**

- 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 valve on to the Gun carefully without pressing the foam can otherwise foam will come out
- 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 gap
- Complete work in 5 minutes as the foam becomes tack-free
- For filling – Only partially fill the cavity. After extrusion, the foam will self expand ensuring good filling inside.
- Leave the applied foam to cure for around 1.5 - 5 hours depending on the humidity
- Excess cured foam can be cut-off and trimmed

**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**

Professional gun for  
polyurethane foam  
49906000000



Gun for  
polyurethane foam  
49906000001



Cleaning bottle  
solvent 500 ml  
49907000000



Nozzle for manual  
polyurethane foam  
94950000000

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