

# BLD SRS POLYURETHAN FOAM



## DESCRIPTION

BLD SRS 40 is a pre-blended rigid polyurethane spray polyol designed for the insulation of roof, wall and floor. When reacted with NEONATE MDI under the recommended reaction conditions, the foam has a good surface finish with excellent cell structure and good adhesion to various substrates.

## HANDLING & PRECAUTIONS

Read and understand Safety Data Sheet before handling. Open containers slowly & carefully, allowing any pressure to be relieved

safely. The following safety recommendations are necessary for handling:

**Respiratory Protection:** When handling or spraying, use an air-purifying respirator.

**Skin protection:** Use rubber gloves, remove immediately after contamination.

Wear clean body-covering. Wash thoroughly with

soap and water after work and before eating, drinking, or smoking.

**Eye / Face Protection:** Wear safety goggles to prevent splashing and exposure to particles in the air.

**Waste:** Waste generation should be avoided or minimized. Dispose-off container/ contents/foam in accordance with local/regional disposal regulations.

## APPLICATION METHOD

In general, the following should be taken into consideration:

- The system must be applied using plural-component spray equipment.
- Component Temperature: 0 50 - 30C depending on weather condition.
- Component Pressure: 120 - 80 Bars.
- Ambient Temperature: 0 50 – 10C
- Substrate Temperature: 0 50 – 10C
- Relative Humidity: < 50 %
- Wind speed: < 20 km/h
- The substrate must be clean, free from oil, dust and moisture.
- Pass thickness should not exceed 20 mm in order to maintain the designed density and dimensional stability.
- Thick passes cause a decrease in density and reduce dimensional stability of the foam.
- Very thin passes will increase the foam density and decrease product yield.
- There must be a time gap of 10 – 5 minutes before applying second layer.
- Longer time gap is necessary for thicknesses above 10 cm.
- Coverage and in-place density is dependent upon the temperature of the substrate, ambient air temperature, pass thickness, spray gun parameters etc.