

# TECHNICAL DATA SHEET

## PRODUCT DESCRIPTION

**Extruded butyl putty in a double-sided adhesive tape.**

**A waterproofing accessory for sealing and bonding the WATER-STOP layers to each other and to other components to provide a barrier to water and gases such as methane and radon.**

**Installation: cold, under contact and pressure**

CHARACTERISTICS	METHOD	UNIT	TOLERANCE	VALUE
Width	EN ISO 10563	mm	+1 // - 1	50
Thickness	internal	mm	+10% // -10%	1
Specific weight	internal		-	1.5
Service temperature	internal	°C	-	-40° to +90°
Application temperature	internal	°C	-	5° ≤ T ≤ 40°
Pressure to seal	internal	g/cm <sup>2</sup>	-	5 ≤ P ≤ 15
Adherence in dynamic shear	EN 12317-2	N /cm <sup>2</sup>	-	20
Adherence under dynamic tension	ISO 9932	N /cm <sup>2</sup>	-	24
Shear resistance at WATER-STOP overlaps	EN 12317-2	N/5cm	-	≥130
Water vapour transmission rate	ISO 9932	g/m <sup>3</sup> /24h/mm	-	0.03

### Other characteristics:

High tackiness and good adherence to a range of substrates. Remains flexible throughout its lifetime.
Effective barrier against gases such as methane and radon.
Presented in 10 linear metre rolls.

### Information on use, handling and transport:

Shelf life: 24 months in unopened packaging and correctly stored.

During transport and storage the rolls must be laid flat. Keep in cool, dry place, below 30 °C and avoid exposure to solvents.

Before installing WS-BUTIL, check that the surfaces are clean and free of solvents, grease and dust.

Check the chemical compatibility of the surfaces to be bonded.

WS-BUTIL is not elastic and is not appropriate for bonding surfaces under load.

Performance diminishes in high temperature. Do not use outside of the temperature range indicated.

### INSTALLATION PROCEDURE:

1. Position the membrane with a 6 cm overlap and place the W-S BUTIL on the lower layer with the paper backing uppermost.
2. Press the tape to expel air
3. Pull off the paper backing by pulling evenly to prevent air bubbles forming and press the joint together.
4. Use a manual silicone roller to apply pressure: pressing by hand does not exert sufficient pressure to seal the bond.
5. Overlay successive rolls of W-S BUTIL with a joint of at least 25 mm.