



# Handi-Stick



## One-Component Polyurethane Glue

- **Extremely strong & permanent bond between various of building materials.**
- **Compatibility with polystyrene (EPS & XPS).**
- **Fast, clean and easy to apply.**
- **Might be used on horizontal and vertical substrates.**
- **10,4 kg Net weight – Contains no solvents.**
- **Safety at place of work: no hot product or open fire.**
- **No visible fasteners on the back of the substrate.**
- **Can be re-used after a walkout.**



## HANDI-STICK

**Handi-Stick** is a moisture curing one-component-polyurethane glue supplied in a portable pressurized container requiring no external power source. Spray the **Handi-Stick** cylinder in the upright position through a flexible and perfect dispensing spray gun. Substrates must be free of garbage, ponds, oil and removable parts.

**Handi-Stick is compatible with the following insulation materials:**

Polyurethane with glass tissue – Mineral wool – Expanded Polystyrene boards (EPS) – Extruded Polystyrene boards (XPS) – Cork – Cellular glass – Plywood – Asphalt – (Painted) steel – Bituminous felt faced boards – Concrete – Wood fibre boards – Asbestos (recommended with approved primer) – PIR – Phenol insulation boards – Bituminous membranes

**Handi-Stick is not compatible with following materials:**

To glue on polyethylene foils – Adhering of insulation boards on bitumen – To use in ponds (a humid foundation is allowed) – To use in bad weather conditions – To use at surface and/or ambient temperatures under 5°C.

**Advantages of Handi-Stick compared with hot bitumen:**

Safer, no burning equipment for bitumen – Easier, faster and cleaner to apply – No need of a completely dry substrate – Decreases the gliding of the insulation boards.

**Advantages of Handi-Stick compared with other “cold” glues:**

Fast adherence – Has unique contraction properties (minimum buoyancy on insulation boards) – Contains no solvents, suitable with most roofing materials – Fast, clean and easy to apply – Equal measuring.

Handi-Stick quantities to be used Based on beads with a diameter of 19-25 mm				
Altitude building (M)	Altitude uprising (mm)	Perimeter width (M)	Distance between Handi-Stick in the perimeter (mm)	Distance between Handi-Stick on the roof (mm)
0 – 6,1	0 – 610	0,9	152	305
	610+	0	305	305
6,12 – 12,5	0 – 610	1,8	152	305
	610 – 1219	0,9	152	305
	1245+	0	305	305
12,5 – 21,4	0 – 610	2,7	152	305
	610 – 1219	1,8	152	305
	1254+	0	152	305
	0 – 610	3,7	152	229
21,4 – 30,5	610 – 2119	2,7	152	305
	1245+	2,7	152	305
	0 – 610	3,7	152	229
30,8 – 61,0	610 – 2119	3,7	152	229
	1245+	3,7	152	305
	0 – 1219	3,7	152	229
61,3 – 91,5	1245+	3,7	152	229
	91,8	0	152	152
Depending on the diameter of the beads, the yield of a cylinder Handi-Stick is 62 to 100 m <sup>2</sup>				

**Important:** Use only in well ventilated areas or with certified protection. Wear impervious gloves, protective glasses and suitable work clothes when using. Read all instructions and safety information (TDS & MSDS) prior to use of any product. Cured foam is non-toxic. **KEEP OUT OF REACH OF CHILDREN!**

**Product storage:** Store Handi-Stick in a cool and dry area in the upright position between +5°C and +30°C. Do not expose to an open flame or temperatures above 49°C. Containers are under pressure. Do not open with force or incinerate even after use. Product shelf life is 12 months.

**Application / Use:** Container must be in the upright position, valve on top. Shake vigorously for a minimum of one minute using a side-to-side motion. Set boards into the Handi-Stick beads within 3-5 minutes. Walk on the boards immediately to spread beads for maximum contact. Continue to walk on the boards every 5-7 minutes (firmly attached: 20-45 minutes).

**Disposal:** All adhesive and pressure must be released from cylinder and hose before disposal. Do not discard pressurized cylinder.