TECHNICAL DATA SHEET
(SPLENDOR SP50 PU FOAM)

Splendor SP50 PU foam, which is based on moisture curing polyurethane, containing safety propellant, is used to seal gaps and crevices. The foam that dispenses from aerosol can is moisture cured and draws humidity from the air for cure.   PU foam is widely used for filling joints between walls, ceilings, floors and gaps around pipes, windows and doorframes. Foam can be cut once fully cured, provides excellent bond to lumber, plywood, concrete, metals, masonry and other substrates.

Splendor SP50 PU foam is cost efficient, Remarkable weather resistance, multi-purpose use such as:

Mounting of window and door frames

Sealing of all types of cracks and holes

Insulation of water-pipe network, central heating

Soundproofing of partition walls, car and boat cabins etc.

PRODUCT FEATURES

Economically insulates, fills, seals and bonds

Easy to use

Bonds to and seals most popular construction materials, wood, concrete, plaster, plumbing etc.

Excellent for interior and exterior applications

Durable airtight seal-stops air infiltration, drafts and energy loss

High insulating value-saves energy and money

Technical Data:

Basic Component	Polyurethane
Type	Foam sealant
Appearance	Foam
Color	Light yellow
Tack-Free Time（min）	7～15
Cutting Time（min）	35（+25℃）
Density（kg/m^3）	12～18
Yield（L）	30～35
Filling square（thickness 5cm）㎡	0.7～0.9
Thermal conductivity〔mW/（m・K）〕	＜40
Adhesive strength（kPa）	＞80
Tensile strength(kPa)	＞30（10%）
Bending strength(kPa)	＞70
Compressive strength(kPa)	＞100
Open cells content%	60～70
Water absorption(up to 24h)	≤1.5% (no epidermis)
Fire Class of the cured foam	B3

Dimensional stability（23℃）	0～1.5%(foaming direction)
	0～2.0%(flat direction)
Environment	Contains no CFC's, no HCFC's, Ozone friendly
Toxicity of cured foam	Non-toxicity
Service temperature range of cured foam℃	-40——+80
Application temperature range℃	-10——+35

PREPARATION FOR USE

Substrate must be clean, firm, free of loose particles and free of dust, grease and mold release agents. Surfaces not to be foamed must be protected. Shake cans well before using.

HOW TO USE

1. Shake can well to make the foam ready for use

2. Clean the substrate and spray some water on it

3. Screw foam dispenser on tightly and turn can upside down

4. Vertical fills the gaps from the bottom upwards

5. Foam is tack-free (dry to the touch) in 7 to 15 minutes in temperatures between +18℃ and +25℃ (65℉ ~77℉). Higher temperatures will result in faster curing times

6. Remove fresh foam over spray with Splendor Foam Cleaner or solvents such as acetone. Cured foam can only be removed mechanically.

Remark: For gun/professional foam, an additional foam gun dispenser is needed to spray (Needs to buy separately). In such case, you may also need to buy foam cleaner to clean the gun adapter after use.

IMPORTANT NOTE

Contents are under pressure. Do not puncture or incinerate. Do not place in hot water or near radiators, stoves or other sources of heat.

Use only in well-ventilated areas. Wear impervious gloves, protective eyewear, and suitable work clothes when using. Read all instructions and safety information (MSDS) prior to use of any product. The product contains no formaldehyde. Cured foam is non-toxic.

Safety Advice

Keep out of children's reach

Keep upright

Shelter from direct sunlight

Do not expose to temperatures exceeding 50℃

Do not pierce or burn even after use

No smoking during the whole spraying procedure

For safety reasons, please wear protective gloves as well as goggles before using Splendor SP50 PU foam, and do not draw them off until the whole procedure is finished.

PRODUCT STORAGE

Store in cool and dry area. Do not expose to open flame. Excessive heat can cause premature aging of components resulting in shorter shelf life. Splendor SP50 PU foam is reusable by following product instructions.