



# FastCoat

## Spray Foam Insulation

A Polyurethane based insulation spray foam for high quality heat and sound insulation in buildings and many more. Provides a matchless, monolithic thermal insulation application without junctures, seams and gaps. An innovative alternative to traditional building insulation methods such as polystyrene heat insulation boards (EPS&XPS), glass wool and rock wool.

### Advantages:

- Outstanding adhesion for most building materials,
- Easy to apply uneven, hard to reach surfaces where it is very hard to use traditional insulation materials,
- Excellent R-Value: 5.66 per inch and thermal insulation value 0.025 W/(m.K),
- Does not allow the formation of thermal bridges.
- Does not allow the formation of dew point.
- Yield up to 20 board feet with 1-inch thickness if applied from a distance of ~16 inch with normal application speed,
- Thanks to its dense structure, stops water, air, and bugs, etc.
- Can be painted.

### Usage Areas:

Structural elements of buildings, attics, crawl space, interior wall insulation, balcony,

loggia, doors, window slopes, pipes, canals and tank kind round surfaces, uneven and rough all surfaces,

Roofs, attics, facades, foundations, basements, floors, interior walls, inter-floor overlappings, interior partitions, ceilings and cellars

Car body and car trailers, boats, yachts, vessels and all kind of sea vehicles.

### How to use:

There are two nozzles to apply the Kraken Spray Foam. Nozzle A is used for vertical application that provides wedged spray and Nozzle named B is for ceiling applications. Can temperature for the best result is 68 °F. The application should be made in between 41 °F and 86 °F. The can should be shaken very well before use. First, plug the desired spray nozzle to the barrel of the application gun until it clicks. Then screw the can onto an applicator gun. Always hold the can upside down during the application as much as possible. The output speed of the foam can be regulated with the trigger and controlled with the adjustment screw on the back side of the gun. Apply the foam 12-18" distance from the wall at vertical applications. Spray the foam 6-8" distance from the ceiling for horizontal applications. The product can be applied at any desired thickness as long as it is applied by layers. The thicker application means the higher



## TECHNICAL DATA SHEET

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insulation value. It is recommended to keep the can attached to the applicator gun if you wish to resume on a later date.

### Limitations:

Storage above 77 °F and below 41 °F shortens shelf life. The can should be stored and transported in vertical position. The can should be kept in room temperature for at least 12 hours before the application. Cured foam will discolor if exposed to ultraviolet light. Paint or coat the cured foam for best results in outdoor applications. Lower temperatures decreases yield and curing time.

### Safety

Contains Diphenylmethane-4, 4'-Diisocyanate. Harmful by inhalation, irritating to eyes, respiratory system and skin. Do not breathe spray/vapor. Wear suitable protective clothing and gloves. Use only in well-ventilated areas. Pressurized container. Keep away from direct sunlight and do not expose temperatures over 122 °F. Do not pierce or burn, even after use. Keep away from sources of ignition, no smoking. Keep out of the reach of children.

### Clean Up:

Fresh foam can be cleaned with Kraken Foam Cleaner. Cured foam can be cleaned barely mechanically.

### Shelf Life:

If stored properly in between 41 °F and 77 °F at original container, 12 months.

### Packaging (Weight/Volume):

The product: Gw.2.05 lbs / 28.7 fl. oz. (12pcs in a box).

Full Set: 6pcs + 6pcs, total 12 pcs of foam, 1 Foam Cleaner, 1 Application gun, 1 Googles, 12pcs of glove.

### Physical & Chemical Properties

Basis: Polyurethane Prepolymer.

Curing System: Moisture cure.

Specific Gravity:  $0.94 \pm 0.06$  lb/ft<sup>3</sup> (ASTM D1622).

Tack-Free Time: 4 min (ASTM C1620).

Foam Color: Blue.

Yield: 20 board foot at 1in.

Fire Class of the Cured Foam: B3 (DIN 4102-1).

Thermal Conductivity: 0,025 W/m.K (at 68°F) (DIN 52612).

R Value: 5,66 (per inch).

Compression Strength: 4.35 psi (30 kpa) (DIN 53421).

Full Cure: 24 hours.

Can Temperature: min. 41°F max. 86°F.

Temperature Resistance: -103°F to 239°F.

Application Temperature: 41°F to 86°F.



Picture 1: Nozzle A on the left and Nozzle B on the right.