

FOAMED-IN-PLACE: POLYURETHANE FOAM

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Colour: Yellow - Orange Thermal Resistance: RSI - .042/mm R - 6.0/in. Very High. Cost: Professional application -- expensive Capacity to dry out if wet: Fair Fire Resistance: Poor: produces toxic fumes. Fungus / Vermin Resistance: Good Limitations: -- Difficult to control quality of field application (temperature, humidity, workman's skill). Assure that your applicator is experienced. -- It should never be used to fill a closed cavity as it tends to expand with age. -- It's uneven surface is difficult to cover for fire protection when used on the inside of the house. -- It degrades rapidly if left exposed to the sun. Advantages: -- Good for insulating irregular shapes. -- Effectively seals large cracks. -- When properly applied it is a rapid and complete method of sealing and insulating a surface. Applications: -- Exceptionally good for air sealing and insulating joist/header areas. -- Used extensively for sealing window and door installations. But caution -- most one component cans on retail shelves expand too much to use to fill the entire cavity -- it will expand and jam the window. Contractors use a "non-expanding" type and fill in the space in at least three passes, waiting a little while between each pass. -- Large surface applications should be limited to areas that are truly otherwise impossible to insulate. -- Choose the contractor very carefully and demand references.

Keywords:

R-Value, Types, Insulation