



### Product description

Handi-Seal Window and Door Sealant is specially formulated for window and door applications. Handi-Seal provides superior thermal insulating properties in comparison to traditional building materials, such as fiberglass, mineral fibre and caulk.

Polyurethane foam is the most effective seal for window and door installation. Foam expansion does not cause bowing. Foam pressure during and after expansion is the main cause of potential bowing problems. Handi-Seal is a closed-cell, technically advanced polyurethane foam that exerts about 85% less pressure while maintaining all the benefits of traditional higher-pressure polyurethane foams. Window manufacturers have observed the benefits of Handi-Seal low pressure foam.

### Recommended uses

Apply Handi-Seal Window and Door Sealant onto any clean surface to fill, insulate and seal around windows, door frame joints, beneath base plates, mud sills, top plate penetrations, corner joints, T-joints, exterior cracks, around utility panels, pipes, duct penetrations, etc. It is specifically designed to be dispensed as a bead for filling cracks, crevices and to fill smaller cavities on flat or irregular surfaces.

### Features and benefits

- Low Expansion Pressure - will not bow windows
- Easy to Apply
- Reduced Time & Labor - pressurized can
- Thermal Insulation - closed cell foam
- Dimensional Stability - will not shrink/expand once cured
- Distinctive Gray Color
- Easily distinguishable from typical foams
- Tack-free in less than 5 minutes
- Sound dampening and noise reduction
- Good flow in low temperature environments

### Typical Properties

Handi-Seal Window and Door Sealant is a pressurized, portable, one-component foam system. Applied in a bead form, it cures slowly to a semi-rigid closed cell foam upon reaction with moisture, such as ambient humidity. Desirable bead growth of 200-300% during the first hour of cure should be expected.

Handi-Seal Window and Door Sealant dries tackfree within 5 minutes depending on moisture and temperature conditions. A 25mm bead at room conditions is cuttable within 1 hour. The cured product is easily identified by its unique gray color. Handi-Seal Window And Door Sealant adheres to almost all building materials with the exception of surfaces such as polyethylene, Teflon®, silicone, oils and greases, mold release agents, and similar material.

Optimal application temperature is between 18-38°C and may be used between 4-46°C. Cured foam is resistant to heat and cold, -129 - +93°C, and to aging, but not UV rays unless painted, covered or coated. Cured foam is also chemically inert and non-reactive in approved applications.

Handi-Seal Window And Door Sealant systems require no outside mechanical or electrical power source. When applied, the foam will seal, insulate, bond, and protect against dust, air infiltration, pests, etc.

### 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.

### Application / Use

After following the instructions for set-up, the product is ready to use. Foam application can be interrupted, when needed, as outlined in the instructions. Filling excessively large cavities can result in a prolonged curing process. Also, insufficient air or substrate moisture during cure may cause delayed expansion. Spraying the cavities with a water atomizer will aid foam cure.

Remove fresh foam over spray with Ramset Solvent Cleaner (FMSVM500) or solvents such as acetone. Cured foam can only be removed mechanically. The multi-purpose Ramset Solvent Cleaner is also designed for cleaning the dispensing gun internally for long-term storage and applications interruptions.

### Product Storage

Store in cool, dry area. Do not expose to open flame or temperatures above 49°C. Excessive heat can cause premature aging of components resulting in shorter shelf life. Handi-Seal Window And Door Sealant is reusable by following product instructions.

### Colours, Pack Sizes and Order Numbers

Description	Packaging	Order Number
680g Handi-Seal window and door sealant	12/CS, 48 CS/Pallet	P10176
18cm Steel dispensing unit	each	F61030
18cm Polymer dispensing unit	each	F61400

### Health and Safety

Avoid contact with the skin, eyes and avoid breathing vapour. For more detailed information refer to the Material Safety Data Sheet. Call 0800 726 738 or visit the website [www.ramset.co.nz](http://www.ramset.co.nz)