

# DensiBond

## Ceramic Tile Adhesive

### PRODUCT DESCRIPTION

DensiBond SILICONE is a single component, high modulus, acetoxycuring silicone sealant/adhesive that vulcanises at room temperature to provide a permanently flexible seal and bond.

**APPLICATIONS** DensiBond SILICONE is suitable for the following applications, sealing aluminium and metal ducting and fabrications, butt and channel glazing, most industrial applications (gasketing up to 250°C), refrigeration and hygiene seal and aluminium gutter sealing.

**USEFUL NOTES** Benefits joint movement of up to + or - 25%, temperature resistance of 250°C, adheres to most surfaces and is easy to use.

### RECOMMENDATION FOR JOINTS

Minimum Joint Depth =	4mm
Maximum Joint Depth =	30mm
Joint Ratio Max. =	Depth 50% of joint width
Coverage =	10 linear meters (9mm x 9mm joint)

**INSTRUCTIONS FOR USE** Ensure that surfaces to be bonded are clean and free from grease, dirt, dust and any other contamination. Glass, metal and aluminium should be cleaned with DensiBond Solvent Cleaner/Thinner for best adhesion. Cut the tip of the cartridge taking care not to damage the thread and affix nozzle to the cartridge. Cut nozzle at 45° leaving an opening slightly larger than the gap to be filled. Apply using a standard sealant gun using firm even pressure to achieve the desired bead width. To ensure a proper bond smooth the sealant with a spatula or similar tool. Smooth within 15 minutes of application. Allow bond to fully cure.

**PROCEDURE FOR APPLICATION** Product is normally applied using a sealing gun.

### STORAGE

Stored between +5°C and +25°C DensiBond RTV SILICONE will retain its properties for 18 months.

**HEALTH & SAFETY IN USE** This Technical information sheet does not constitute a Material Safety Data Sheet. Before using this product ensure you have read and fully understood DensiBond Material Safety Data Sheet RTV SILICONE.

### TECHNICAL FEATURES

Chemical Base	100% Silicone Polymer
Solids Content	100%
Appearance	Clear, Black & White Viscous Paste
Shrinkage	None
Specific Gravity	1.02
Skinning Time	5 minutes @ 20°C
Cure Speed	2mm per 24 hours
Cleaning Solvent	White Spirit
Application Temperature	+5 to +30°C

### TYPICAL BOND/SEAL CHARACTERISTICS

Movement Accommodation	+ or - 25%
Temperature Resistance	-40°C to +250°C
Hardness Shore A:	26
Elongation at Break	350%
Tensile strength Between	1 & 2 Mpa