



LE-GARDIEN

## TECHNICAL SHEET



# BLD880

## Structural silicone sealant

### PRODUCTS SPECIFICATIONS

| CATEGORY     | DETAILS                                             |
|--------------|-----------------------------------------------------|
| Product Type | BLD880 single-component silicone structural sealant |
| Curing Type  | Neutral solidification                              |
| Appearance   | (Not specified)                                     |

### TECHNICAL PARAMETERS

| PARAMETER                     | SPECIFICATION                                                        |
|-------------------------------|----------------------------------------------------------------------|
| Temperature Range Performance | -40°C to 120°C                                                       |
| Service Life                  | Up to 50 years under normal weather conditions                       |
| Corrosion Resistance          | No corrosion to metals, coated glass, concrete, and marble (granite) |

### PERFORMANCE AND USAGE

| ASPECT                       | DESCRIPTION                                                                        |
|------------------------------|------------------------------------------------------------------------------------|
| Weather Resistance           | Excellent weatherability                                                           |
| Temperature Resistance       | Good resistance to high and low temperatures                                       |
| Adhesion                     | Good adhesion to most building materials                                           |
| Mechanical Properties        | High strength, high modulus, and high flexibility                                  |
| Applications (Curtain Walls) | Structural adhesion and sealing for small or low-rise glass curtain walls          |
| Curtain Wall System Use      | Can be used for full or half hidden frame systems by direct glass-to-metal bonding |
| Insulating Glass             | Structural adhesion and sealing for hollow glass curtain walls                     |
| Other Uses                   | General building and industrial applications                                       |

### PACKAGING, STORAGE, AND TRANSPORTATION

| CATEGORY           | DETAILS                                        |
|--------------------|------------------------------------------------|
| Packaging          | Soft packaging: 590 mL; Hard packaging: 300 mL |
| Storage Conditions | Store separately in cool, dry place below 27°C |
| Shelf Life         | 12 months from production date                 |
| Transportation     | Non-hazardous goods                            |
| Marks              | 1MG GB16776-2005                               |