



LE-GARDIEN

TECHNICAL SHEET



BLD650

(Soft) neutral silicone weather sealant
(Hard) Senior plastic doors and windows

PRODUCTS SPECIFICATIONS

CATEGORY	DETAILS
Product Type	BLD650 single-component weather-proof silicone sealant
Curing Type	Neutral solidification
Appearance	(Not specified)

TECHNICAL PARAMETERS

PARAMETER	SPECIFICATION
Temperature Range Performance	-20°C to 120°C
Displacement Capacity	±12.5% after curing
Service Life	Approximately 10 years

PERFORMANCE AND USAGE

ASPECT	DESCRIPTION
Weather Resistance	Excellent resistance to UV, ozone, and water
Adhesion	Good adhesion to most building materials including aluminum panel and aluminum-plastic composite panel
Corrosion Resistance	No corrosion to metals, coated glass, concrete, and marble
Elasticity	Good elasticity and tensile performance after curing
Mechanical Properties	Excellent tension and compression performance
Applications (Doors & Windows)	Waterproof sealing for aluminum, plastic-alloy, and fastener doors and windows with glass
Applications (Curtain Walls)	Jointing and sealing for aluminum composite panels and small-size stone or glass curtain walls
Other Uses	General-purpose building sealing 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	9 months from production date
Transportation	Non-hazardous goods
Marks	GB/T14683-2017