



— 1876 —
THE PROFESSIONAL RANGE



TECHNICAL DATA SHEET

MULTI-SURFACE SEALANT & ADHESIVE

1876 THE PROFESSIONAL RANGE

DESCRIPTION

Bartoline 1876 Crystal Clear Sealant & Adhesive is free from isocyanates and silicones, paintable sealant that has been specifically formulated to seal typical joints where a strong, invisible bond and high movement is required. As a single component, moisture-curing, sealant and adhesive offers outstanding performance across a wide variety of industrial applications. It has excellent adhesion to glass, timber, metals, brickwork, most plastics and concrete and does not normally require a primer. PAS 23/24 certified for SBD doorset assemblies.

PREPARATION

Surfaces must be solid, clean, dry and free from frost, grease and loose materials. Where a particularly neat finish is required, use masking tape to cover the face edges of the joint and remove immediately once tooling is completed.

DIRECTIONS

Joint design: Please consult the Technical Information Sheet entitled 'Joint design for cartridge-based products' prior to application.

Surface preparation: All surfaces must be clean, dry and free from frost, grease and loose materials. Apply primer if required. Install bond breaker to prevent bond at base of joint where necessary. Most substrates only require priming if testing indicates a need or where sealant will be subjected to water immersion after cure. Cut the top of the screw thread off the cartridge and screw on the nozzle. Cut nozzle to correct diameter for joint size. Apply using a skeleton or powered gun into the joint ensuring good contact with surfaces. In deep joints, the use of a backing rod is essential to ensure good joint formation.

In situations where an especially neat finish is required, use masking tape to cover the face edges of the joint and remove immediately once tooling has been completed.

Tooling: Tool immediately after sealant has been applied within the working time for the product.

TECHNICAL DATA

| | |
|----------------------------|--|
| Movement Accomodation | 25% |
| Skinning Time | Ca. 30 mins @ 23°C / 50% RH |
| Cure Rite | 3 - 4mm in 24 hours at 23°C @ 50% RH. Lower temperatures and drier conditions will result in a slower rate of cure |
| Hardness (Shore A) | 30 (ISO 868) |
| Application Temp. Range | +5°C - +30°C |
| Service Temp. Range | -30°C - +70°C |
| Shear Strength | 1.00 MPa |
| Modulus at 100% Elongation | 0.5 MPa |
| Extrusion Rate | 100g / min (at 21°C / 4mm nozzle / @3bar) |
| Elongation at Break | 450% |

PACKING SPECIFICATION

| Size | Colour | Product Code | Pack Barcode | Carton Barcode | Packs Per Carton | Cartons Per Pallet | Packs Per Pallet | Ti | Hi |
|-------|--------|--------------|---------------|----------------|------------------|--------------------|------------------|----|----|
| 290ml | Clear | 52750910 | 5010789750916 | 05010789680879 | 12 | 132 | 1584 | 33 | 4 |

APPLICATIONS

Bartoline 1876 Crystal Clear Sealant & Adhesive is suitable for a wide variety of substrates including wood, concrete, tiles, steel, aluminium, zinc, copper, brass, stainless steel, glass and polyester.

HEALTH & SAFETY

See MSDS for full information.

CUSTOMS TARIFF CODE

3214 9000.

SHIPPING CLASSIFICATION

Non-Hazardous for shipping purposes.