



www.forcon-d.com

FORCON-D (yellow-silver cartridge) General Purpose Acrylic Sealant

Technical Data Sheet

Field of Application: Ready to use with caulking-gun for interior filling gaps around window and door frames, seals and repairs joints and cracks on wall, nor for joints which are subject to movement. Also used for sealing and patching of gaps or joints where slight expansions of building. It adheres well to aluminums, metal, wood, select plastics, concrete, asbestos cement, plaster, stonework, stone, chipboard, gypsum board, ceramic tiles, etc.

Properties: FORCON-D (Gap Filler) is a acrylic polymer emulsion, water base and solvent free, ready to use without primer. After complete drying, it is permanently flexible, weatherproof, odorless, age-resistant and can be paintable. It adheres well to many substrates.

Technical Data:	Raw material base	Acrylic polymer emulsion
	Specific gravity	approx 1.75 g/ml
	Sagging properties	10 mm. diameter bead has a few deformation or sag on a vertical glass plate
	Shore-A-hardness	approx 40-60
	Time of film formation	approx 10 minutes
	Tack free time at 25 °c	approx 10-15 minutes
	Curing time	approx 2 mm. in 1 day 5 mm. in 2 days 10 mm. in 5 days
	Elastic modulus 100%	~ 0.05 N/cm
	Elastic factor	approx 10 %
	Shrinkage factor	approx -15 %
	Elongation at break	80 %
	Temperature resistance	-20 °c to 80 °c
	Weathering resistance	Good
	Max. total movement	approx 10 %
	Maximum joint width	30 mm.
	Shelf life	12 months

Directions for use: The surface of joints and cracks must be clean, dry, free from all traces of grease, dust, oil, impurities and loose paint. Absorbent surfaces should be moistened. In order to obtain neat edges, we recommend masking the edges of joints with adhesive tape. A polyethylene foam or similar material can be use in the base of joint to control sealant depth. Cut the cartridge above the thread and trim diagonally depending on intended use. Place the cartridge into the caulking-gun. Apply and even, uniform bead of sealant to prepared surfaces. Smooth the surface of joints or cracks with a wet spatula and protected from water or rain until the sealant form a firm film. To avoid damaging the skin, remove the adhesive tape immediately. After complete drying, FORCON-D (Gap Filler) can be painted.

Cleaning: Uncured FORCON-D (Gap Filler) can be removed with water. Once cured, the material can only be removed mechanically such as a sharp blade.

Colors: White, Black, Brown and Gray.

Shipping units: FORCON-D (Gap Filler) is delivered in 310 ml Plastic cartridge. One carton contains 25 cartridges.

