



## FORCON-D (Green-silver cartridge) Flexible Acrylic Sealant

### Technical Data Sheet

**Field of Application:** FORCON-D (Joint & Crack Filler) is a special flexible acrylic sealant, easily to apply with caulking-gun for interior and exterior sealing of window and door frames to wood and stonework. Also use for sealing and repair joints and cracks on wall and roof. This product adheres well to a range of building materials such as aluminum, plastics (UPVC), metal, wood, asbestos cement, plaster, stonework, gas concrete, chipboard, gypsum board, ceramic-tiles, masonry, etc. Application should not be done when it is raining or areas which are constantly under influence of water.

**Properties:** FORCON-D (Joint & Crack Filler) is a acrylic emulsion and contains no solvents. It is a ready to use without primer, adheres well to most surfaces and absorbent surfaces. After complete drying, it is flexible, water-resistant, weather-resistant, age-resistant, odorless and can be paintable.

<b>Technical Data:</b>	Raw material base	Acrylic emulsion
	Specific gravity	approx 1.70 g/ml
	Sagging properties	10 mm. diameter bead has a few deformation or sag on a vertical glass plate
	Shore-A-hardness	approx 30-60
	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 7 days
	Elastic modulus 100%	~ 0.10 N/cm
	Elastic factor	approx 10 %
	Shrinkage factor	approx -15 %
	Elongation at break	100 %
	Temperature resistance	-20 °c to 80 °c
	Weathering resistance	Very 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 (Joint & Crack Filler) can be painted.

**Cleaning:** Uncured FORCON-D (Joint & Crack 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 (Joint & Crack Filler) is delivered in 310 ml Plastic cartridge. One carton contains 25 cartridges.

