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FORCON-D Plus⁺ (gray-silver cartridge) High Elastic Acrylic Sealant

Technical Data Sheet

Field of Application: Ready to use, suitable for sealing of building joints which are subject to movement, joints around aluminums, wood, metal and plastic window and door frames. Both interiors and exteriors. Also used for repairs cracks on wall and roof. FORCON-D Plus⁺ (No more Gaps) adheres well to many substrates such as aluminums, wood, metal, plastics (UPVC), cement, concrete, plaster, chipboard, gypsum board, masonry, stonework, ceramic tiles, etc.

Properties: FORCON-D Plus⁺ (No more Gaps) is a high elastic acrylic sealant, water base and contains no solvents. It adheres well to a wide variety of substrates and even to damp, absorbent surfaces, highly adhering, resistant to aging, water and weathering and can be over painted.

Technical Data:	Raw material base	Acrylic emulsion
	Specific gravity	approx 1.6971 g/ml
	Sagging properties	10 mm. diameter bead has a few deformation or sag on a vertical glass plate
	Shore-A-hardness	approx 20-60
	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 7 days 10 mm. in 14 days
	Elastic modulus 100%	~ 0.10 N/cm
	Elastic factor	approx 10 %
	Shrinkage factor	approx 4.23 %
	Elongation at break	150 %
	Temperature resistance	-20 °c to 80 °c
	Weathering resistance	Excellent
	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 Plus⁺ (No more Gaps) can be painted.

Cleaning: Uncured FORCON-D Plus⁺ (No more Gaps) 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 Plus⁺ (No more Gaps) is delivered in 310 ml Plastic cartridge. One carton contains 25 cartridges.

