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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:**
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| 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.

