Dekguard® Elastic

**Crack accommodating elastomeric, pigmented acrylic, chloride ion and carbonation protective coating for concrete and masonry**

**1.00 Protective Coating System**

**1.10 Concrete / Masonry Surfaces**

1.11 All surfaces to receive the coating system should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss, algal growth, laitance, and all traces of mould release oils and curing compounds.

**1.20 Coating System**

1.21 The protective coating shall comprise a film forming penetrating silane-siloxane primer a single component elastomeric acrylic coating.

1.22 The silane-siloxane primer should be applied in one or more coats until the recommended application rate of 0.4 litres /m2 has been achieved.

1.23 The protective coating should be applied in two coats to achieve a total dry film thickness of not less than 400 microns and exhibit Elongation at Break (ASTM D412) >400%.

 When tested to AS/NZS 4548.5-1999 the coating shall exhibit a Carbon dioxide diffusion resistance equivalent thickness of air (R)>150m and Chloride ion diffusion coefficient 5.5 x 10-14m²/sec @ 147 days. .

**1.30** **Fosroc Dekguard Elastic** applied in conjunction with **Nitoprime DG** meets the performance criteria and is approved.

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