

# Proflex® AC

A Versatile, One Component, Elasto-Plastic Acrylic Sealant

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| <b>Description</b>              | <p><b>Proflex® AC</b> is a ready-to-use, one-component non-sagging acrylic sealant based on waterborne acrylic dispersion. It is intended for sealing internal joints and cracks subject to low movement and is suitable for overpainting with most water-based decorative coatings or covering with wallpaper. Curing occurs through water evaporation, resulting in a flexible, elasto-plastic seal with good adhesion and long-term performance in interior applications</p> |              |
| <b>Where to use</b>             | <p>Used for sealing of joints and connections with low compression and expansion movement on:</p> <ul style="list-style-type: none"> <li>• Concrete</li> <li>• Mortars and rendering</li> <li>• Wood and modified boards</li> <li>• Interior metal window frames</li> <li>• Interior connection joints of windows and door frames</li> <li>• sealing connection joints between stairs and walls, walls and ceilings</li> </ul>  |              |
| <b>Advantages</b>               | <ul style="list-style-type: none"> <li>• Perfect adhesion without primer on most substrates</li> <li>• Paintable with water based and synthetic paints</li> <li>• Non-sag application</li> <li>• Can be applied over slightly damp substrates</li> <li>• Non-stain or change color of marble, bricks nor concrete</li> <li>• Low VOC, Eco friendly</li> <li>• Easy to apply and clean</li> </ul>  |              |
| <b>Properties</b>               |   |              |
| Density                         | 1.71 ±0.05 gm/ml  | ISO 1183-1   |
| Joint movement capacity         | ≤ 12.5 %  |              |
| Application temperature         | +5 °C - +40 °C  |              |
| Base                            | Acrylic dispersion  |              |
| Curing time at 23 °C and RH 50% | 2mm / 24 hours  |              |
| Elongation at break             | 96%   | DIN 53504    |
| Flow                            | < 2mm   | ISO 7390     |
| Frost resistance                | Up to -15 °C  | Transparent  |
| Shore A hardness                | 17  | ISO 868      |
| Tack free time                  | 20 minutes  | ASTM C920    |
| Temperature resistance          | -20 °C - +75 °C   |              |
| Tensile strength                | 0.363 N/mm <sup>2</sup>   | DIN 53504 S2 |
| 100% Modulus                    | 0.3 N/mm <sup>2</sup>   | DIN 53504 S2 |
| <b>How to use</b>               | <ul style="list-style-type: none"> <li>• All surfaces must be clean and sound</li> <li>• If necessary, use a primer</li> <li>• Protect joint sides with self-adhesive tape</li> <li>• Joint must be straight in line with sharp edges and regular dimensions</li> </ul>   |              |
| <b>Joint configuration</b>      | <ul style="list-style-type: none"> <li>• Minimum width 5 mm</li> <li>• Maximum width 10 mm</li> <li>• Width: Depth / 1:1</li> <li>• For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm</li> </ul>   |              |
| <b>Packaging</b>                | <ul style="list-style-type: none"> <li>• Sausage of foil pack 600 ml</li> </ul>   |              |
| <b>Theoretical coverage</b>     | <ul style="list-style-type: none"> <li>• 600 ml / 12 Lm for a joint 10 mm × 5 mm</li> </ul>   |              |

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| Shelf life & Storage   | 6 months if stored properly in original unopened packaging, in a dry place within +5 °C to +25 °C   |
| Cleaning               | Clean all tools & equipment with <b>clean water</b>   |
| Health and Safety      | <ul style="list-style-type: none"> <li>• Use goggles-gloves and a breathing mask when applying</li> <li>• Apply forced ventilation in confined spaces</li> <li>• Remove splashes from the skin with a hand cleanser or soap and water</li> <li>• Eye splashes are to be washed with plenty of water</li> </ul>  |
| Additional Information | <p><b>PROKEM</b> provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure</p> <p><b>PROKEM</b> designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction</p> <p><b>PROKEM</b> reserves the right to change the properties of its products</p> <p>All orders are accepted subject to our current term of sale &amp; delivery</p> <p>Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request</p> <p><b>PROKEM</b> extends technical services to include after-sales support to assist users in the proper handling of our products</p> |