

EKOPRODUR FC H003

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| CHEMICAL NAME | Polyurethane system |
| TECHNICAL REQUIREMENTS | <p>Weight ratio of components POLY : ISO: 100 : 120</p> <p>Optimal components temperature: 18 - 22°C</p> <p>Ambient temperature: 15 - 25°C</p> <p>Demoulding time depends on mould dimensions and temperature. Foam achieves its final mechanical properties after 24h conditioning.</p> <p>During processing the system please keep in mind all tips and information included in the MSDS sheets for both components.</p> |
| GENERAL DATA | <p>Apparent core density: $\geq 38 \text{ kg/m}^3$.. PN-EN 1602:2013-07</p> <p>Fire classification: F.....PN-EN 13501-1+A1:2010</p> <p>Thermal conductivity: $\lambda_{\text{mean}, i} 0,022 \text{ W/(m}\cdot\text{K)}$ $\lambda_{90, 90} 0,023 \text{ W/(m}\cdot\text{K)}$ PN-EN 12667:2002</p> <p>Compressive stress at 10% relative strain, parallel: $\sigma_{10} \geq 290 \text{ kPa}$ PN-EN 826:2013-07</p> <p>Closed-cell content: $\geq 90\%$ PN-EN ISO 4590:2005</p> <p>Working Temperatures: -30 - 110°C</p> |
| APPLICATION | <p>Ekoprodur FCH 003 is used for manufacturing long elements where good flow of foam is needed (profiles, pipes, lamps).</p> <p>It may be processed with low and high pressure foaming machines.</p> |