

EKOPRODUR 3050W2

CHEMICAL NAME	Polyurethane system
TECHNICAL REQUIREMENTS	<p>Weight ratio of components POLY: ISO: 100 : 150</p> <p>Optimal components temperature: 22-26°C</p> <p>Ambient temperature: 18-25°C</p> <p>Optimal mould temperature: 35-45°C</p> <p>IMPORTANT: In the case of the mould made of aluminium or stainless steel it could be necessary to prepare the surface mechanically or chemically (using the proper release agent), to decrease adhesion. Foam achieves its final mechanical properties after 24h conditioning. 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: $\geq 44 \text{ kg/m}^3$ EN 1602:2013-07</p> <p>Thermal conductivity (initial lambda): $\lambda_{\text{init}} 0,0233 \text{ W/(m}\cdot\text{K)}$ EN 12667:2002</p> <p>Fire classification: F EN 13501-1+A1:2010</p> <p>Fire classification: B3 DIN 4102</p> <p>Closed-cell content: $\geq 90\%$ EN ISO 4590:2005</p>
APPLICATION	<p>EKOPRODUR 3050W2 is used for manufacturing of boilers, tanks and water-heaters as technical insulation. It may be processed with low and high pressure foaming machine.</p> <p>The recommended foam density in the product is 44-50 kg/m^3.</p>