

EKOPRODUR 1814W

CHEMICAL NAME	Polyurethane system
TECHNICAL REQUIREMENTS	<p>Weight ratio of components POLY : ISO.....100 : 110</p> <p>Optimal components temperature:.....18 - 22°C</p> <p>Ambient temperature:.....18 - 25°C</p> <p>Optimal temperature of coverings/moulds:.....30 - 40°C</p> <p>IMPORTANT: Before use, carefully mix Component POLY (approx. 15 minutes). During processing with spray machines please follow our recommendations:</p> <p>POLY and ISO heating temperature:.....25 - 35°C</p> <p>Heating hoses:.....25 - 35°C</p> <p>Component pressure:.....80-100 bar (1160-1450 psi)</p> <p>The temperature of the ingredients in the drums:.....20-30°C</p> <p>Ambient temperature:.....10-35°C</p> <p>Recommended substrate temperature:.....10-35°C</p> <p>Ambient relative humidity:.....≤ 70 %</p> <p>Moisture of porous substrate:.....up to 15 %</p> <p>Moisture content of non-porous substrate:.....0 %</p> <p>Pressure for the POLY Component and for the ISO Component should be the same. The foam obtains its full mechanical properties after 24 hours of seasoning. When processing, consider the tips and information contained in the Safety Data Sheets of both components.</p>
GENERAL DATA	<p>Apparent core density:..... ≥ 14.5 kg/m³ PN-EN 1602:2013-07</p> <p>Fire classification: F PN-EN 13501-1+A1:2010</p> <p>Thermal conductivity coefficient: $\lambda_{mean, i}$ 0,037 W/(m·K)</p> <p>Dimensional stability:</p> <p>70°C, 90% RH, after 48h L ≤ 4 % W ≤ 4 % T ≤ 1 %</p> <p>-30°C, after 48h L ≤ 2 % W ≤ 2 % T ≤ 0,5 % PN-EN 1604:2013-07</p> <p>Closed cell content:..... ≤ 20% PN-EN ISO 4590:2005</p>
APPLICATION	<p>EKOPRODUR 1814W is designed to be used in discontinuous or continuous production of insulating materials with partially open-cell structure applicable at pipe coverings in soft cladding and for the manufacture elements in moulds. It is also suitable for filling cavities in construction industry. This system can be processed with the help of both: low- and high-pressure foaming machine</p>