

EKOPRODUR DCP 2004

CHEMICAL NAME	Polyurethane system
TECHNICAL REQUIREMENTS	<p>Weight ratio of components POLY: ISO 100 : 120 Optimal components temperature: 18 - 25°C Optimal ambient temperature: 15 - 30°C Recommended mold/press temperature: 30 - 45°C</p> <p>Polyurethane system EKOPRODUR DCP2004 system can be processed using low pressure and highpressure foaming machines. The time of molding the foam or element should be determined experimentally, because it depends on the temperature of the ingredients, ambient temperature, temperature of the mold, and the mass of the cast system. In the case of casting elements with claddings, it is recommended to use molds and presses heated to a temperature of min. 30°C to ensure proper adhesion of the foam to the cladding and to eliminate the phenomenon of surface brittleness. Some cladding materials require pre-treatment of the surface before pouring into the polyurethane system. Full foam mechanical properties are obtained after 24 hours seasoning period. During processing the system please keep in mind all tips and information included in the MSDS sheets for both components. WARNING!!! Component POLY should be mixed thoroughly before use.</p>
GENERAL DATA	<p>Reaction to fire: F PN-EN 13501-1+A1:2010</p> <p>Fire class: B3 DIN 4102</p> <p>Minimum density of the foam in ready product (INTERNAL METHOD) 42 kg/m³</p> <p>Thermal conduction coefficient $\lambda_{mean, i}$: 0,025 W/(m·K) PN-EN 12667:2002</p> <p>Compressive strength: min. 180 kPa PN-EN 826:2013-07</p>
APPLICATION	EKOPRODUR DCP2004 is designed for filling empty spaces, e.g. doors, insulating elements. They are processed in a periodic method in hydraulic presses.