

EKOPRODUR 3050W B2

CHEMICAL NAME	Polyurethane system		
TECHNICAL REQUIREMENTS	Weight ratio of components P	POLY : ISO	100 : 150
	Optimal components tempera	ture:	22-26°C
	Ambient temperature:		18-25℃
	Optimal mould temperature:		35-45℃
	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 density in the final product should be around 42-50 kg/m3 (overall foam weight [kg] / mould volume [m3]). Components mixing and pouring into the mould should ensure the uniform fulfilment of the mould.		
	Demoulding time depends on mould dimensions and temperature. 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.		
GENERAL DATA	The foam synthetized by pouring in the mold in laboratory conditions.		
	Apparent core density: ≥	2 42 kg/m3	EN 1602:2013-07
	Thermal conductivity (initial la	mbda):	EN 12667:2002
	λ init	0,0234 W/(n	n·K)
	Fire classification:	E	EN 13501-1+A1:2010
	Fire classification:	B2	DIN 4102
	Closed-cell content:	≥ 90%	EN ISO 4590:2005

APPLICATION EKOPRODUR 3050W B2 is used for manufacturing of boilers, tanks and water-heaters as technical insulation. It may be processed with low and high pressure foaming machine. The obtained PU foam based on the system is characterized by enhanced fire resistance (fire class E).

The recommended foam density in the product is 42-50 kg/m3.

Information presented herein has been given in good faith and to the best of our current knowledge and experience. The compliance of the specific properties of the supplied product with the data given herein and its fitness for the intended purpose should be checked before the product is used. The producer reserved the right to modify the information presented herein as a result of technological development and improvement of the product by producer. PCC PRODEX Sp. z o.o. ul. Sienkiewicza 4 56-120 Brzeg Dolny Polska www.pcc-prodex.eu