Safe. Strong.
Styrodur®

One Value – Many Strengths!

Styrodur® 3000 CS with the same lambda value across all board thicknesses

- *Universal insulating board*
- *New technology*
- *Lambda 33 – constant insulating performance across all board thicknesses (30 - 240 mm)*

The innovative universal thermal insulating board:

- With smooth surfaces and rabbet
- Suitable for nearly all building construction and civil engineering applications
- With constant thermal conductivity across all board thicknesses

www.styrodur-3000.de

BASF
We create chemistry

INNOVATION

PMFS 1432 FD NOVEMBER 2014

STYRODUR® 3000 CS

with the same lambda value across all board thicknesses

More information on Styrodur® 3000 CS

Styrodur® 3000 CS					
Surface		–	–	Smooth	–
Length x width		[mm]	–	1265 x 615	–
Thickness		[mm]	–	30 - 240	–
Thickness tolerance		–	T	1	EN 823
Thermal conductivity (nominal)		[W/(mK)]	λ_D	0.033	EN 13164
Thermal conductivity (design)		[W/(mK)]	λ	0.034	DIN 4108
Compressive strength or compression at 10% deformation		[kPa]	CS(10/Y)	300	EN 826
Permitted compression for long-term loads (up to 50 years) at deformation < 2%		[kPa]	CC (2/1.5/50)	110	EN 1606
Dimensional stability at 70°C and 90% r.h.		[%]	DS(70,90)	≤ 5	EN 1604
Deformation at 40 kPa and 70°C		[%]	DLT(2)	≤ 5	EN 1605
Coefficient of linear thermal expansion Longitudinal / transverse		[mm/(mK)]	–	0.08 / 0.06	DIN 53752
Reaction to fire	Euroclass	–	–	E	EN 13501-1
Water absorption with long-term immersion		[% vol.]	WL(T)	≤ 0.7	EN 12087
Water absorption by partial immersion		[% vol.]	WD(V)	≤ 3	EN 12088
Water vapor diffusion resistance factor		–	MU	150 - 50	EN 12086
Water absorption with alternate freezing and thawing		[% vol.]	FTCD	≤ 1	EN 12091
Maximum serviice temperature		[°C]	–	75	EN 14706

BASF SE
Performance Polymers Europe
67056 Ludwigshafen
Germany

www.styrodur.de
styrodur@basf.com