



## Isolatie IsoDuct



Essential Features		Performance				
Reaction to fire euroclass-characteristics	Reaction to fire	Sheet: d <sub>N</sub> = 6 - 30 mm	E			
Acoustic absorption index	Structure-borne noise transmission Acoustic absorption		NPD			
Thermal resistance	Thermal conductivity Dimensions and limits	Sheet: d <sub>N</sub> = 6 - 30 mm	°C	-10 °C	0 °C	10 °C
Water permeability	Water absorption		W/(m·K)	0,035	0,036*	0,037
Water vapour permeability	Water vapour diffusion resistance	Sheet: d <sub>N</sub> = 6 - 30 mm	WS01 (W <sub>p</sub> ≤ 0,1 kg/m <sup>2</sup> )			
Release of corrosive substances	Minor amounts of water soluble chlorides and pH- value		500/7			
Release of dangerous substances to indoor environment	Release of dangerous substances		NPD <sup>a</sup>			
Continuous glowing combustion	Continuous glowing combustion		NPD			
Durability of reaction to fire against ageing/degradation	Durability characteristics <sup>b</sup>					
Durability of thermal resistance against ageing/degradation	Durability characteristics <sup>c</sup>					
	Maximum service temperature	Sheet: d <sub>N</sub> = 6 - 30 mm	ST(+) 70 °C			
	Minimum service temperature	Sheet: d <sub>N</sub> = 6 - 30 mm	ST(-) -40 °C			
Durability of reaction to fire Against high temperature	Durability characteristics <sup>b</sup>					
Durability of thermal resistance against high	Durability characteristics <sup>c</sup>					