



PACIFIRE® Technical Data

Pacifire® Thermal Values 44mm FD30

Layer	Thickness - m	Thermal Conductivity	R value
External Resistance	-	-	0.130K m ² /W
Tricore wooden door	0.044	0.077 W/mK	0.571K m ² /W
Internal Resistance	-	-	0.130K m ² /W
Total	-	-	0.831K m²/W

U Value = 1/ R

U=1/0.831

U=1.203 W/m²K

Values based upon door core density of 320kg/m³

Note: Calculation is used to help confirm the predicted behaviour of a building element,
Other factors can effect performance such as , wind speed, air pressure variations, driving rain,
permeability, additional surfaces, workmanship, etc..

Pacifire® Acoustic values 44mm FD30

Up to **Rw.32dB**

Based upon basic 44mm 3 layer timber core with plywood faces and without the addition of other surfaces.
Pacifire blanks are designed as a general purpose doorblank and technical guidance from acoustic seal manufacturers
should be followed.
