Tridek Roofing
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PREDICTED ACOUSTIC PROPERTIES: TRIDEK WALL AND ROOFING PANELS:

Standard Tridek panel.

100 Smart Series panel	RW 25 db	RW + CTR 21 db
125 Smart Series panel	RW 26 db	RW + CTR 22 db
165 Pro series panel	RW 28 db	RW + CTR 24 db

With the addition of a standard furring channel directly fixed to the panel skin, and 1 layer of 10mm Sound rated plasterboard:

100 Smart Series panel	RW 34 db	RW + CTR 29 db
125 Smart Series panel	RW 35 db	RW + CTR 30 db
165 Pro Series panel	RW 38 db	RW + CTR 32 db

With two layers of 10mm sound rated plasterboard, and a layer of 50mm polyester insulation

100 Smart Series panel	RW 38 db	RW + CTR 32 db
125 Smart Series panel	RW 40 db	RW + CTR 35 db
165 Pro Series panel	RW 42 db	RW + CTR 37 db

External sound absorption materials can be readily fixed to Tridek panel to increase acoustic effectiveness.