

Item	Amount (m <sup>2</sup> )	Product/service	Prize per unit (€)	Total (€)														
		<p><b>Sandwich roof panel Hipertec Sound</b></p> <p>external and internal side galvanised and coated steel sheet with non-combustible insulation core made of mineral wool with sealing tapes in the longitudinal joint. The internal side is perforated and equipped with a fleece. Cover width 1000 mm</p> <p>Insulation core: rock wool 100 kg/m<sup>3</sup> (non-combustible) Assessed sound insulation degree <math>R_w \approx 33-35</math> dB</p> <p><u>External sheet:</u> t=0,60 mm, trapeze-profile, distance between ribs: 333 mm, 25 µm polyester, standard colours corrosion protection class III</p> <p><u>Internal sheet:</u> t=0,60 mm, evenly perforated, hole diameter: 3 mm, hole spacing: 5 mm, perforated share in total surface = 32,7 % 25 µm polyester, standard colours</p> <table border="0" data-bbox="343 1064 1145 1310"> <thead> <tr> <th><u>Core-/Panel thickness (s/d):</u></th> <th><u>Thermal conductivity (U):</u></th> </tr> </thead> <tbody> <tr> <td>60/98 mm</td> <td>0,707 W/m<sup>2</sup>K</td> </tr> <tr> <td>80/118 mm</td> <td>0,535 W/m<sup>2</sup>K</td> </tr> <tr> <td>100/138 mm</td> <td>0,430 W/m<sup>2</sup>K</td> </tr> <tr> <td>120/158 mm</td> <td>0,360 W/m<sup>2</sup>K</td> </tr> <tr> <td>150/188 mm</td> <td>0,289 W/m<sup>2</sup>K</td> </tr> <tr> <td>200/238 mm</td> <td>0,218 W/m<sup>2</sup>K</td> </tr> </tbody> </table> <p><i>U values with joint coefficient (<math>\Psi</math>) according to DIN EN 14509</i></p> <p>Delivery and installation on steel- or wooden support construction according to approval, the installation guidelines of Metecno Bausysteme GmbH and the technical regulations of IFBS. Use stainless steel screws with EPDM-washers only. Sealing tapes, saddle caps and any necessary cuttings are to be taken into account.</p> <p>Roof pitch:</p> <p>Eaves height:                      m</p> <p>Panel length:                        m</p>	<u>Core-/Panel thickness (s/d):</u>	<u>Thermal conductivity (U):</u>	60/98 mm	0,707 W/m <sup>2</sup> K	80/118 mm	0,535 W/m <sup>2</sup> K	100/138 mm	0,430 W/m <sup>2</sup> K	120/158 mm	0,360 W/m <sup>2</sup> K	150/188 mm	0,289 W/m <sup>2</sup> K	200/238 mm	0,218 W/m <sup>2</sup> K		
<u>Core-/Panel thickness (s/d):</u>	<u>Thermal conductivity (U):</u>																	
60/98 mm	0,707 W/m <sup>2</sup> K																	
80/118 mm	0,535 W/m <sup>2</sup> K																	
100/138 mm	0,430 W/m <sup>2</sup> K																	
120/158 mm	0,360 W/m <sup>2</sup> K																	
150/188 mm	0,289 W/m <sup>2</sup> K																	
200/238 mm	0,218 W/m <sup>2</sup> K																	

as of April 2019

