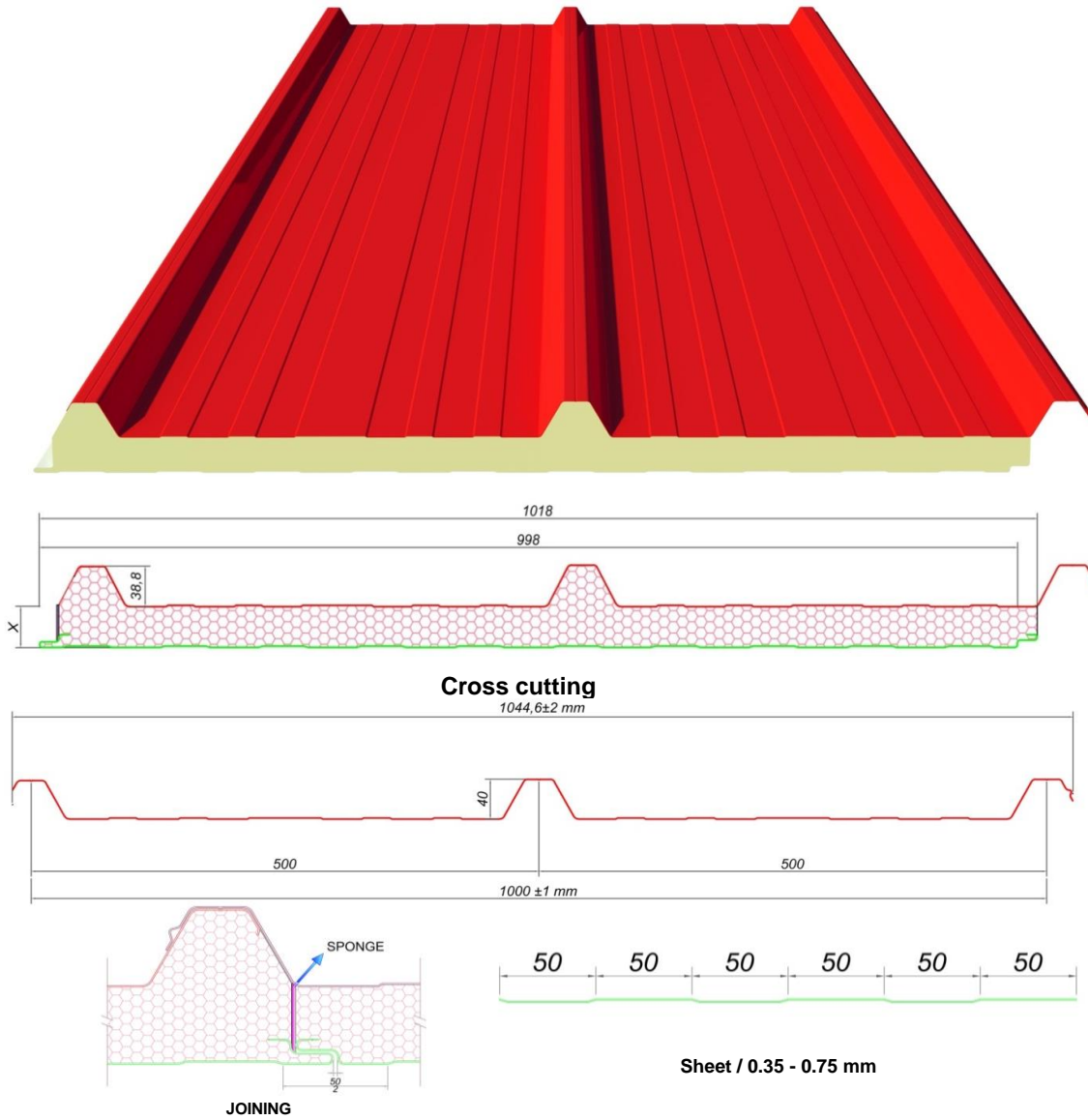


**ALEX PANEL®**

**EKO - ROOF®**

**3 Rib polyurethane roof panel ( facing painted steel or aluminium )**



AP / ER ( ROOF PANEL )	AP / ER - 30	AP / ER - 40	AP / ER - 50	AP / ER - 60	AP / ER - 80	AP / ER - 100
Panel thickness (mm) - x	30	40	50	60	80	100
Fire Resistance class (EN-14509)	B - S <sub>2</sub> , d <sub>e</sub> B - S <sub>1</sub> - d <sub>e</sub>	B - S <sub>2</sub> , d <sub>e</sub> B - S <sub>1</sub> - d <sub>e</sub>	B - S <sub>2</sub> , d <sub>e</sub> B - S <sub>1</sub> - d <sub>e</sub>	B - S <sub>2</sub> , d <sub>e</sub> B - S <sub>1</sub> - d <sub>e</sub>	B - S <sub>2</sub> , d <sub>e</sub> B - S <sub>1</sub> - d <sub>e</sub>	B - S <sub>2</sub> , d <sub>e</sub> B - S <sub>1</sub> - d <sub>e</sub>
Insulation material	PUR - PIR	PUR - PIR	PUR - PIR	PUR - PIR	PUR - PIR	PUR - PIR
U - value W / ( m.c° )	0.45	0.43	0.40	0.35	0.30	0.28
R - value W / ( m.c° )	10	11	13	15	18	20
Sound Reduction ( dB )	15 - 18	17 - 20	20 - 25	22 - 28	24 - 30	27 - 35
Used width ( mm )	1000	1000	1000	1000	1000	1000
Available MAX length ( mm )	16.000	16.000	16.000	16.000	16.000	16.000
Weight Kg/m <sup>2</sup> Sheets - 0.50 mm / 0.50	10.22	10.68	11.02	11.42	12.24	13.04
6 mt . Truck MAX loading pcs/m <sup>2</sup>	80 / 480	64 / 384	56 / 336	50 / 300	40 / 240	32 / 192
12 mt . Truck MAX loading pcs/m <sup>2</sup>	80 / 960	64 / 768	56 / 672	50 / 600	40 / 480	32 / 384
11,9 mt . 40° Cont MAX loading pcs / m <sup>2</sup>	80 / 952	64 / 761.6	56 / 666.4	50 / 595	40 / 476	32 / 380.8