

# PRODUCT DATA SHEET FOR INDUSTRIAL INSULATION

Product Name	Power-teK WM 640 GGN, Power-teK WM 640 SSN, Power-teK WM 640 GSN, Power-teK WM 640 GGA, Power-teK WM 640 SSA, Power-teK WM 640 GSA, Power-teK FM 080, Power-teK FM 080 ALU
Manufacturer	Knauf Insulation GmbH
Certification number	6V043
Certification body	DIN CERTCO
Designation Code	MW EN 14303-T2-ST(+)640-WS1-CL10
Labeling	VDI-mark
Form of supply	Wired Mat
European Standard	DIN EN 14303:2013-04
Thermal Conductivity (W/mK)	
Maximum service temperature	640
Minimum service temperature	
Thickness Range (mm)	030-120
Reaction to Fire (Euroclass)	A1
Temperature 1	50
Thermal conductivity 1	0.040
Temperature 2	100
Thermal conductivity 2	0.046
Temperature 3	200
Thermal conductivity 3	0.061
Temperature 4	300
Thermal conductivity 4	0.080
Temperature 5	400
Thermal conductivity 5	0.104
Temperature 6	500
Thermal conductivity 6	0.134
Temperature 7	600
Thermal conductivity 7	0.167
Temperature 8	650
Thermal conductivity 8	0.205
Temperature 9	
Thermal conductivity 9	
Temperature 10	
Thermal conductivity 10	
Air-flow resistance	
Water vapor diffusion resistance	
Content of water-soluble chloride ions	< 10 ppm
Water absorption	<1