

- Unique identification code of the product-type:
SPANROCK L; SPANROCK M; SPANROCK MM; SPANROCK S; SPANROCK S66; SPANROCK XL; SPANROCK XS
- Intended use: Thermal insulation products for buildings (ThIB).
- Manufacturer: ROCKWOOL® Polska Sp. z o.o.,
ul.Kwiatowa 14, 66-131 Cigacice.
- System of attestation of conformity: **System 1 + System 3**
- Harmonised standard: EN 13162:2012+A1:2015
Notified body No 1390 Centrum stavebního inženýrství a.s. Praha.
Certificate of constancy of performance No 1390-CPR-0072/07/P (factory Cigacice), No 1390-CPR-0102/08/P (factory Malkinia)
- Declared Performance in the Table 1-4:

Table 1:

Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized standard EN 13162:2012+A1:2015	Product	
			SPANROCK L MW-EN 13162-T5-TR5	SPANROCK M MW-EN 13162-T5-TR5
			Declared value / NPD ¹⁾	
Reaction to fire	4.2.6 Reaction to fire	Euroclasses	A1	A1
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances	EU level not yet available	c)	c)
Acoustic absorption index	4.3.11 Sound absorption	α_p (AP ^{a)}) and α_w (AW ^{a)}) declared	NPD	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	s' , SD ^{a)} declared	NPD	NPD
	4.3.10.2 Thickness, d_L	d_L and classes for thickness tolerances T6 or T7	NPD	NPD
	4.3.10.4 Compressibility c	CP ^{a)} declared	NPD	NPD
	4.3.12 Air flow resistivity	AF ^{a)} declared	NPD	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF ^{a)} declared	NPD	NPD
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	b)	b)
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Thermal conductivity λ (W/mK)	0,040	0,038
		Thermal resistance $R=d/\lambda$	see product label	
	4.2.3 Thickness	Thickness range (mm)	40-200	40-200
		Ti ^{a)} class for thickness tolerance	T5	T5
Water permeability	4.3.7.1 Short term water absorption	WS- declared W_p ; (kg/m ²)	NPD	NPD
	4.3.7.2 Long term water absorption	WL(P) - declared W_{lp} ; (kg/m ²)	NPD	NPD
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ ; (MU ^{a)}) or Zi ^{a)}	NPD	NPD
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) ^{a)} or CS(10Y) ^{a)} declared (kPa)	NPD	NPD
	4.3.5 Point load	PL(5) ^{a)} declared (N)	NPD	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	²⁾ Euroclasses	A1	A1
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	²⁾ declared $R=d/\lambda$ and λ (W/mK) if possible	see product label	
			0,040	0,038
	4.2.7 Durability characteristics	DS(70,-) declared The relative changes in thickness	NPD	NPD
		DS(70,90) declared The relative changes in thickness	NPD	NPD
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TR ^{a)} declared (kPa)	TR5	TR5
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC(i ₁ , ^{a)} / i ₂ ^{a)}) σ_c compressive creep declared X_{ct} and X_t	NPD	NPD

¹⁾ No performance determined (NPD); ²⁾ no change with time; ^{a)} "T" indicates relevant class of level or declared value; ^{b)} national regulations not available; ^{c)} according to national regulations; see: Safety Use Instruction Sheet;

Table 2:

Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized standard EN 13162:2012+A1:2015	Product	
			SPANROCK MM MW-EN 13162-T5-TR5	SPANROCK S MW-EN 13162-T5-TR5
			Declared value / NPD ¹⁾	
Reaction to fire	4.2.6 Reaction to fire	Euroclasses	A1	A1
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances	EU level not yet available	c)	c)
Acoustic absorption index	4.3.11 Sound absorption	α_p (API ^{a)}) and α_w (AWi ^{a)}) declared	NPD	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	s' , SDi ^{a)} declared	NPD	NPD
	4.3.10.2 Thickness, d_L	d_L and classes for thickness tolerances T6 or T7	NPD	NPD
	4.3.10.4 Compressibility c	CPI ^{a)} declared	NPD	NPD
	4.3.12 Air flow resistivity	AF _i ^{a)} declared	NPD	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF _r ^{a)} declared	NPD	NPD
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	b)	b)
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Thermal conductivity λ (W/mK)	0,038	0,038
		Thermal resistance $R=d/\lambda$	see product label	
	4.2.3 Thickness	Thickness range (mm)	40-200	40-200
		Ti ^{a)} class for thickness tolerance	T5	T5
Water permeability	4.3.7.1 Short term water absorption	WS- declared W_p ; (kg/m ²)	NPD	NPD
	4.3.7.2 Long term water absorption	WL(P) - declared W_{lp} ; (kg/m ²)	NPD	NPD
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ ; (MUi ^{a)}) or Zi ^{a)}	NPD	NPD
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) _j ^{a)} or CS(10 _Y) _j ^{a)} declared (kPa)	NPD	NPD
	4.3.5 Point load	PL(5) _j ^{a)} declared (N)	NPD	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	²⁾ Euroclasses	A1	A1
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	²⁾ declared $R=d/\lambda$ and λ (W/mK) if possible	see product label	
			0,038	0,038
	4.2.7 Durability characteristics	DS(70,-) declared The relative changes in thickness	NPD	NPD
		DS(70,90) declared The relative changes in thickness	NPD	NPD
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TR _i ^{a)} declared (kPa)	TR5	TR5
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC(_{i1} ^{a)} / _{i2} ^{a)}) σ_c compressive creep declared X_{ct} and X_t	NPD	NPD

¹⁾ No performance determined (NPD); ²⁾ no change with time; ^{a)} "i" indicates relevant class of level or declared value; ^{b)} national regulations not available; ^{c)} according to national regulations; see: Safety Use Instruction Sheet;

Table 3:

Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized standard EN 13162:2012+A1:2015	Product	
			SPANROCK S66 MW-EN 13162-T5-TR5	SPANROCK XL MW-EN 13162-T5-TR5
			Declared value / NPD ¹⁾	
Reaction to fire	4.2.6 Reaction to fire	Euroclasses	A1	A1
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances	EU level not yet available	c)	c)
Acoustic absorption index	4.3.11 Sound absorption	α_p (AP ^{a)}) and $\alpha_{w,i}$ (AWi ^{a)}) declared	NPD	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	s', SDi ^{a)} declared	NPD	NPD
	4.3.10.2 Thickness, d _L	d _L and classes for thickness tolerances T6 or T7	NPD	NPD
	4.3.10.4 Compressibility c	CPi ^{a)} declared	NPD	NPD
	4.3.12 Air flow resistivity	AFi ^{a)} declared	NPD	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AFi ^{a)} declared	NPD	NPD
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	b)	b)
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Thermal conductivity λ (W/mK) Thermal resistance R=d/ λ	0,038	0,040
	4.2.3 Thickness	Thickness range (mm) Ti ^{a)} class for thickness tolerance	40-200 T5	40-200 T5
			see product label	
Water permeability	4.3.7.1 Short term water absorption	WS- declared W _p ; (kg/m ²)	NPD	NPD
	4.3.7.2 Long term water absorption	WL(P) - declared W _{lp} ; (kg/m ²)	NPD	NPD
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ ; (MU ^{a)}) or Zi ^{a)}	NPD	NPD
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) ^{j)} or CS(10Y) ^{j)} declared (kPa)	NPD	NPD
	4.3.5 Point load	PL(5) ^{j)} declared (N)	NPD	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	²⁾ Euroclasses	A1	A1
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	²⁾ declared R=d/ λ and λ (W/mK) if possible	see product label	
			0,038	0,040
	4.2.7 Durability characteristics	DS(70,-) declared The relative changes in thickness	NPD	NPD
		DS(70,90) declared The relative changes in thickness	NPD	NPD
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TRi ^{a)} declared (kPa)	TR5	TR5
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC(I ₁ ^{a)} /I ₂ ^{a)}) σ_c compressive creep declared X _{ct} and X _t	NPD	NPD

¹⁾ No performance determined (NPD); ²⁾ no change with time; ^{a)} "T" indicates relevant class of level or declared value; ^{b)} national regulations not available; ^{c)} according to national regulations; see: Safety Use Instruction Sheet;

Table 4:

Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized standard EN 13162:2012+A1:2015	Product
			SPANROCK S66 MW-EN 13162-T5-TR5
			Declared value / NPD ¹⁾
Reaction to fire	4.2.6 Reaction to fire	Euroclasses	A1
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances	EU level not yet available	^{c)}
Acoustic absorption index	4.3.11 Sound absorption	α_p (API ^{a)} and α_w , (AWi ^a) declared	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	s' , SDi ^{a)} declared	NPD
	4.3.10.2 Thickness, d_L	d_L and classes for thickness tolerances T6 or T7	NPD
	4.3.10.4 Compressibility c	CPI ^{a)} declared	NPD
	4.3.12 Air flow resistivity	AFi ^{a)} declared	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AFi ^{a)} declared	NPD
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	^{b)}
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Thermal conductivity λ (W/mK)	0,041
		Thermal resistance $R=d/\lambda$	see product label
	4.2.3 Thickness	Thickness range (mm)	40-200
		Ti ^{a)} class for thickness tolerance	T5
Water permeability	4.3.7.1 Short term water absorption	WS- declared W_p ; (kg/m ²)	NPD
	4.3.7.2 Long term water absorption	WL(P) - declared W_p ; (kg/m ²)	NPD
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ ; (MUi ^{a)} or Zi ^{a)}	NPD
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) ^{a)} or CS(10\Y) ^{a)} declared (kPa)	NPD
	4.3.5 Point load	PL(5) ^{a)} declared (N)	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	²⁾ Euroclasses	A1
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	²⁾ declared $R=d/\lambda$ and λ (W/mK) if possible	see product label
			0,041
	4.2.7 Durability characteristics	DS(70,-) declared The relative changes in thickness	NPD
		DS(70,90) declared The relative changes in thickness	NPD
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TRi ^{a)} declared (kPa)	TR5
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC(i ^{a)} / i ^{a)} σ_c compressive creep declared X_{ct} and X_t	NPD

¹⁾ No performance determined (NPD); ²⁾ no change with time; ^{a)} "i" indicates relevant class of level or declared value; ^{b)} national regulations not available; ^{c)} according to national regulations; see: Safety Use Instruction Sheet;

The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Frank Christian Bartel
Technical&Production Director
(Name, function))

Cigacice, 15.03.2016
Place, date


Signature