



Centrum stavebního inženýrství a.s. Praha
Centre of Building Construction Engineering Prague
Akreditované zkušební laboratoře, Autorizovaná osoba,
Oznámený subjekt, Certifikační orgán
Accredited Test Laboratories, Authorised Body,
Notified Body, Certification Body
Pražská 16, 102 00 Praha 10



Notified Body 1390

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1390 – CPR – 0102/08/P

In compliance with the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Factory made mineral wool products ROCKWOOL used for thermal insulation of buildings, sold under the trade marks

(trade marks and type codes according to EN 13 162 are given in the annex to the certificate)

placed on the market by : **ROCKWOOL Polska, Sp. z o.o.**
ul. Kwiatowa 14
66-131 Cigacice, Poland

and produced in the : **Zakład w Małkini**
manufacturing plant **ul. Jana III. Sobieskiego**
07- 320 Małkinia (production line MAL 5,6,7)

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 13 162:2012+A1:2015

under system 1 for the performances set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the **constancy of performance of the construction product.**

This certificate was first issued on 31. 10. 2008 as a certificate pursuant to CPD and will remain valid as long as neither the harmonised standard, the construction product, the AVPC methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Notified Body 1390
Prague, 31. 03. 2017




Ing. Petr Kučera, CSc.
Deputy of Notified Body 1390



Centrum stavebního inženýrství a.s. Praha
Centre of Building Construction Engineering Prague

Akreditované zkušební laboratoře, Autorizovaná osoba,
 Oznámený subjekt, Certifikační orgán
 Accredited Test Laboratories, Authorised Body,
 Notified Body, Certification Body
 Pražská 16, 102 00 Praha 10



Annex to the Certificate of Constancy of Performance 1390-CPR-0102/08/P
The certificate covers the following products of ROCKWOOL Polska, Malkinia factory:

Trade mark	Thermal conductivity W/mK	Reaction to fire	Type code according to EN 13 162	Line
DOMROCK (d=100-200)	0.045	A1	MW-EN 13162-T1-WS-WL(P)-MU1	MAL7
ROCK-ROLL (d=100-200)				
MATA W (d=100-200)				
MEGAROCK (d=100-200)	0.039	A1	MW-EN 13162-T2-WS-WL(P)-MU1	MAL7
ROCKMIN (d=40-200)				MAL5 MAL6 MAL7
MULTIROCK (d=40-200)				
ROCKBATTS (d=40-200)				
STALROCK (d=40-200)				
PLYTA z WELNY MINERALNEJ (d=40-200)				
ROCKBATTS SUPER (d=40-220)				0.034
TOPROCK (d=80-200)	0.035	A1	MW-EN 13162-T2-WS-MU1	MAL7
PANELROCK (d=30-200)	0,036	A1	MW-EN 13162-T3-CS(10)0.5-WS- MU1	MAL5 MAL6 MAL7
INDUSTRIAL 50 (d=20-200)	0.036	A1	MW-EN 13162-T3-WS- MU1	MAL5 MAL6 MAL7
INDUSTRIAL 60 (d=20-200)				
PANELROCK 80 (d=40-200)	0,036	A1	MW-EN 13162-T3-CS(10)0.5-WS- MU1	
INDUSTRIAL 80 (d=20-200)	0.036	A1	MW-EN 13162-T3-WS- MU1	MAL5 MAL6 MAL7
VENTI MAX (d=30-79)	0,034		MW-EN 13162-T4-CS(10)0,5-WS-WL(P)-MU1	MAL7
VENTI MAX (d=80-200) WENTIROCK MAX (d=80-200)	0.034		MW-EN 13162-T4-CS(10)0.5-AW1,00-WS-WL(P)-MU1	MAL7
WENTIROCK (d=20-79)	0.037	A1	MW-EN 13162-T4-CS(10)10-TR7.5-WS- MU1	MAL5 MAL6 MAL7
WENTIROCK (d=80-200)	0.037	A1	MW-EN 13162-T4-CS(10)10-TR7.5-WS-AW 0.95- MU1	
FASROCK MAX (d=80-100)	0.039	A1	MW-EN 13162-T4-DS(70,90)-CS(10)10-TR7.5-WS- MU1	MAL6 MAL7
FASROCK MAX (d=110-200)	0.037	A1		
FASROCK XL (d=80-200)	0.042	A2	MW-EN 13162-T5-DS(70,90)-CS(10\Y)40-TR100-WS- MU1	
CB ROCK (d=40-200)	0.038	A1	MW-EN 13162-T4-DS(70,90)-TR7,5-PL(5)100-WS-MU1	MAL5 MAL6 MAL7
SANDWICH BATTS CB (d=80-200)	0.045	A1	MW-EN 13162-T4-CS(10\Y)70-TR120-WS-MU1-SS50	
BLOCZEK PW LAMELLA (d=40-200)	0.045	A1	MW-EN 13162-T5-CS(10\Y)70-TR120-WS-MU1-SS50	
MONROCK MAX (d=40-79)	0.040	A1	MW-EN 13162-T4-DS(70,90)-CS(10)40-TR7.5-PL(5)350-WS-WL(P)-MU1	



Centrum stavebního inženýrství a.s. Praha
Centre of Building Construction Engineering Prague

Akreditované zkušební laboratoře, Autorizovaná osoba,
 Oznámený subjekt, Certifikační orgán
 Accredited Test Laboratories, Authorised Body,
 Notified Body, Certification Body
 Pražská 16, 102 00 Praha 10



Annex to the Certificate of Constancy of Performance 1390-CPR-0102/08/P
The certificate covers the following products of ROCKWOOL Polska, Malkinia factory:

Trade mark	Thermal conductivity W/mK	Reaction to fire	Type code according to EN 13 162	Line
MONROCK MAX (d=80-200)	0.039	A1	MW-EN 13162-T4-DS(70,90)-CS(10)40-TR7.5-PL(5)400-WS-WL(P)-MU1	MAL6 MAL7
ROOFROCK 50 (d=40-50)	0,038	A1	MW-EN 13162-T4-DS(70,-)-DS(70,90)-CS(10)50-TR10-PL(5)600-WS-WL(P)-MU1	MAL7
DACHROCK MAX (d=40-79)	0.041	A1	MW-EN 13162-T4-DS(70,-)-DS(70,90)-CS(10)50-TR15-PL(5)400-WS-WL(P)-MU1	MAL5 MAL6 MAL7
DACHROCK MAX (d=80-200)	0.040	A1	MW-EN 13162-T4-DS(70,-)-DS(70,90)-CS(10)50-TR15-PL(5)500-WS-WL(P)-MU1	MAL6 MAL7
DACHROCK MAX HARD (d=40-79)	0.042	A1	MW-EN 13162-T4-DS(70,-)-DS(70,90)-CS(10)70-TR15-PL(5)400-WS-WL(P)-MU1	MAL5 MAL6 MAL7
DACHROCK MAX HARD (d=80-200)	0.042	A1	MW-EN 13162-T4-DS(70,-)-DS(70,90)-CS(10)70-TR15-PL(5)500-WS-WL(P)-MU1	MAL6 MAL7
HARDROCK MAX HARDROCK II (d=50-200)	0,040	A1	MW-EN 13162-T4-DS(70,-)-DS(70,90)-CS(10)70 ^{*)} -TR10-PL(5)800-WS-WL(P)-MU1 <i>*)for top layer CS(10)90</i>	MAL7
SPODROCK SPODROCK WG (d=20-180)	0.039	A1	MW-EN 13162-T4-DS(70,90)-CS(10)30-TR7.5-PL(5)300-WS-WL(P)-MU1	MAL5 MAL6 MAL7
INDUSTRIAL 120 (d=20-180)	0,039	A1	MW-EN 13162-T4-WS-MU1	MAL5 MAL6 MAL7
STROPROCK (d=20-200)	0.041	A1	MW-EN 13162-T6-CS(10)50-PL(5)400-WS-CP4-MU1	MAL5 MAL6 MAL7
FLOOR BATTS (d=20-200)				
ROCKLIT (d=20-200)	0.042	A1	MW-EN 13162-T4-TR7,5-WS-MU1	MAL5 MAL6 MAL7
DACHROCK(d=20-200)	0.041	A1	MW-EN 13162-T4-DS(70,90)-CS(10)70-TR15-PL(5)450-WS-WL(P)-MU1	MAL6 MAL7
ROOFROCK 80 (d=20-30) WINDROCK (d=20-30)	0.038	A1	MW-EN 13162-T4-DS(70,-)-DS(70,90)-CS(10)80-TR10-PL(5)700-WS-WL(P)-MU1	MAL7
LAMROCK (d=40-200) LAMROCK MAX(d=40-200)	0.045	A1	MW-EN 13162-T5-DS(70,90)-CS(10)80-TR150-WS-WL(P)-SS70-MU1	MAL7
INDUSTRIAL T 100 (d=15-250)	0,038	A1	MW-EN 13162-T4-CS(10)0,5-WS-MU1	MAL5 MAL6 MAL7
INDUSTRIAL T 120 (d=15-250)	0,038	A1	MW-EN 13162-T4-CS(10)0,5-WS-MU1	
INDUSTRIAL D 110 (d=15-200)	0.038	A1	MW-EN 13162-T4-WS-MU1	MAL5 MAL6 MAL7
INDUSTRIAL D 190 (d=15-200)	0.045	A1	MW-EN 13162-T4-WS-MU1	MAL6 MAL7
BETAROCK 80 (d=15-200)	0.038	A1	MW-EN 13162-T4 -WS-MU1	MAL5 MAL6 MAL7
BETAROCK 110 (d=15-200)	0.038	A1	MW-EN 13162-T4-WS-MU1	
BETAROCK 150 (d=15-200)	0.040	A1	MW-EN 13162-T4-WS-MU1	



Centrum stavebního inženýrství a.s. Praha
Centre of Building Construction Engineering Prague

Akreditované zkušební laboratoře, Autorizovaná osoba,
Oznámený subjekt, Certifikační orgán
Accredited Test Laboratories, Authorised Body,
Notified Body, Certification Body
Pražská 16, 102 00 Praha 10



Annex to the Certificate of Constancy of Performance 1390-CPR-0102/08/P
The certificate covers the following products of ROCKWOOL Polska, Malkinia factory:

Trade mark	Thermal conductivity W/mK	Reaction to fire	Type code according to EN 13 162	Line
BETAROCK 180 (d=15-200)	0,045	A1	MW-EN 13162-T4-WS-MU1	MAL6
MARC 180 (d=15-150)	0,045	A1	MW-EN 13162-T4-WS-MU1	MAL7
FIRE DOORS D 110 (d=15-150)	0,038	A1	MW-EN 13162-T4 -WS-MU1	MAL5
FIRE DOORS D 150 (d=15-150)	0,040	A1	MW-EN 13162-T4 -WS-MU1	MAL6 MAL7
FIRE DOORS D 190 (d=15-150)	0,045	A1	MW-EN 13162-T4-WS-MU1	MAL6 MAL7
LAMROCK S (d=40-200)	0,044	A1	MW-EN 13162-T5-TR80	MAL7
LAMROCK M (d=40-200)	0,045	A1	MW-EN 13162-T5-TR100	MAL7
LAMROCK XS (d=40-200)	0,041	A1	MW-EN 13162-T5-TR80	MAL7
SPANROCK L (d=40-240)	0,040	A1	MW-EN 13162-T5-TR5	MAL7
SPANROCK M (d=40-240)	0,038	A1	MW-EN 13162-T5-TR5	MAL7
SPANROCK M-M (d=40-240)	0,038	A1	MW-EN 13162-T5-TR5	MAL7
SPANROCK S (d=40-240)	0,038	A1	MW-EN 13162-T5-TR5	MAL7
SPANROCK XL (d=40-240)	0,040	A1	MW-EN 13162-T5-TR5	MAL7
SPANROCK XS (d=40-240)	0,041	A1	MW-EN 13162-T5-TR5	MAL7



Notified Body 1390
Prague, 31. 03. 2017


Ing. Petr Kučera, CSc.
Deputy of Notified Body 1390



AEROQ
Organism notificat de Comisia Europeană
Număr de identificare 1840



CERTIFICAT DE CONSTANȚĂ A PERFORMANȚEI

nr.: **1840-CPR-99/91/EC/0677-18**

În conformitate cu Regulamentul (UE) nr.305/2011 al Parlamentului European și al Consiliului din 9 martie 2011 (CPR), acest certificat se aplică produsului/produselor pentru construcții:

PRODUSE FABRICATE DIN VATA MINERALA DE STICLA (vezi anexa)

Domeniu de utilizare: izolarea termica a cladirilor

Introdus pe piață cu denumirea/marca

SAINT-GOBAIN CONSTRUCTION PRODUCTS ROMANIA S.R.L.
Bucuresti, Soseaua Pipera, nr.43, Cladirea Floreasca Park, corp A, etaj
3, birouri 25-41, sector 2.

Fabricat în:

Punct de lucru ISOVER

Județul Prahova, Ploiești, Strada Mihai Bravu, nr. 233

Acest certificat atestă:

- îndeplinirea tuturor prevederilor privind evaluarea și verificarea constanței performanței specificate în anexa ZA a standardului/standardelor:
 - EN 13162:2012+A1:2015- SISTEM 1
- realizarea performanțelor declarate în acest certificat și evaluarea controlului producției în fabrică, efectuat de către fabricant, pentru a asigura:

CONSTANȚA PERFORMANȚEI PRODUSELOR PENTRU CONSTRUCȚII

Acest certificat a fost emis inițial la **06.08.2018** și rămâne valabil cât nu sunt modificate semnificativ: standardul armonizat, produsul pentru construcții, metodele de evaluare și verificare a constanței performanței și a condițiilor de fabricație, în afară de cazul în care este suspendat sau retras de organismul notificat de certificare a produsului – AEROQ.

Valabilitatea certificatului este condiționată de efectuarea anuală a supravegherii și a evaluării continue a controlului producției în fabrică confirmată prin rapoartele rezultate. Certificatul poate fi suspendat sau retras, dacă se constată că nu se mențin condițiile în baza cărora a fost emis.

Menținerea valabilității certificatului poate fi verificată pe adresa www.aeroq.ro.

Data emiterii/actualizării:
13.09.2019

Director General
ing. *Constantin Avram*
Constantin AVRAM





СЕРТИФИКАТ КАЧЕСТВА
QUALITY CERTIFICATE
 № 3445 / DATE 22.02.2019

87504 г. Марьино ул. Левченко, 1. Тел.: 115157
 DEPO SU Levchenko, 1, Mariopol, 87504. Telekx: 115157
 fax: 3810623187-91-66. office@metbest.com

Вид свидетельства об испытаниях / EN 10204-3.1

Тип документа: Сертификат
 Соответствие системы менеджмента качества на комбинате, требованим стандарта ISO 9001:2015, подтверждено органом по сертификации TÜV SÜD Management Service GmbH (сертификат № 1210044452 TMS от 07.11.2017) / Quality management system compliance with the requirements of ISO 9001:2015 at the Works has been confirmed by TÜV SÜD Management Service GmbH (the certificate № 1210044452 TMS dd. 07.11.2017)

Заказчик / Customer: ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ "МЕТНЕСТ-СМЦ" / LIMITED LIABILITY COMPANY "METNBEST-SMC"
 Заводской заказ № / Production order: 740289
 Договор, контракт №: / Contract: 12CMU/43/006-17
 Дата заказа / Date: 01.03.2017
 Спецификация № / Specification №: 752

№ транспортной средства / RW-car: 60307469
 № зонирования / Receiver: ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «МЕТАЛКА-ЗУЕВ» / МЕТАЛКА-ЗУЕВ, S.R.L.
 Наименование продукции / Description of goods: ХОЛОДНОКАТАНЫЙ ЦИНКОВАННЫЙ ЛИСТ / COLD ROLLED GALVANIZED SHEET

НД на марки стали / Standards for steel grade: ДСТУ EN 10346:2014
 НД на покрытие / Standards for dimensions: ДСТУ EN 10346:2014
 НД на продукцию / Standards and technical documentation for products: ДСТУ EN 10346:2014

Маркировка / Marking: Товарный знак / TRADE MARK, произведено в Украине / MADE IN UKRAINE, номер спецификации / specification number, марка стали / steel grade, размеры в мм / dimensions in mm, номер партии / cast number, номер партии / test number
 Состояние поставки / Product delivery condition: HO, A - C, N, Z 140
 Металл паспирован, вес фактический

Литра № / Heat №	Партия № / Lot №	Марка стали / Steel grade	Группа прочности / Strength level	Категория / Category	Толщина, мм / Thickness, mm	Ширина, мм / Width, mm	Длина, мм / Length, mm	Номер пакета / № Bundle	Количество товара, шт / Quantity of goods	Масса брутто, т / Mass gross, tn	Масса нетто, т / Mass net
184332-3	1-90757	DX51D	0.45		1000.00	2000.00	1-277	1	6.910	6.855	6.810
184332-3	1-90757	DX51D	0.45		1000.00	2000.00	1-278	1	6.520	6.465	6.420
286247-3	1-85459	DX51D	0.45		1000.00	2000.00	3-159	1	5.810	5.755	5.710
287450-4	1-90754	DX51D	0.45		1000.00	2000.00	1-271	1	6.710	6.655	6.610
287450-4	1-90754	DX51D	0.45		1000.00	2000.00	1-272	1	5.720	5.665	5.620
290114-4	1-90755	DX51D	0.45		1000.00	2000.00	1-273	1	5.330	5.275	5.230
290114-4	1-90755	DX51D	0.45		1000.00	2000.00	1-274	1	6.810	6.755	6.710
290161-3	1-90179	DX51D	0.45		1000.00	2000.00	3-53	1	4.190	4.135	4.090
290161-3	1-90180	DX51D	0.45		1000.00	2000.00	3-62	1	6.710	6.655	6.610
387150-4	1-90756	DX51D	0.45		1000.00	2000.00	1-275	1	6.450	6.395	6.350
387150-4	1-90756	DX51D	0.45		1000.00	2000.00	1-276	1	7.000	6.945	6.900
Всего по сертификату/In total under the certificate: 11											
Вылавка/Steelmaking process Конвенторная/Basic oxygen: 67,655											
68,160											
67,060											

QUALITY CERTIFICATE
№ 3445 / DATE 22.02.2019

Химический состав, % Chemical composition, %

Литва № / Heat	C	Mn	Si	S	P	Cr	Ni	Cu	Al	Ti	As	N	Mo	V	Nb
184332-3	0.05	0.29	0.02	0.021	0.018	0.02	0.01	0.02	0.036	0.001	0.001	0.005	0.001	0.002	0.002
286247-3	0.07	0.32	0.02	0.019	0.021	0.05	0.03	0.04	0.002	0.002	0.002	0.005	0.002	0.002	0.002
287450-4	0.07	0.25	0.02	0.015	0.010	0.02	0.01	0.02	0.001	0.001	0.001	0.005	0.002	0.002	0.002
290114-4	0.08	0.28	0.02	0.015	0.013	0.02	0.01	0.02	0.001	0.001	0.001	0.005	0.002	0.002	0.002
290161-3	0.06	0.25	0.02	0.022	0.006	0.02	0.03	0.02	0.001	0.001	0.001	0.005	0.004	0.002	0.002
387150-4	0.06	0.28	0.02	0.012	0.012	0.02	0.01	0.01	0.001	0.001	0.001	0.005	0.001	0.002	0.002

Результаты испытаний/Test result

Партия № / Lot №	Предел прочн. МПа Tensile strength, MPa(Rm)	Относит. удлинение, (A, %) Relative elongation (A, %)	Прочность сцепления Strength of adhesion	Масса покрытия, г/м ² Coating density, g/m ²	Толщина покрытия, мкм Coating thickness, μm	Перегибы коллч. Folds, pieces
1-90757	425.0/430.0	29.0/28.0	вкл./sat.	179.24	12.57	10
1-85459	410.0/400.0	23.0/24.0	вкл./sat.	158.14	11.09	11
1-90754	430.0/420.0	29.0/30.0	вкл./sat.	156.99	11.01	10
1-90755	420.0/430.0	30.0/30.0	вкл./sat.	153.37	10.75	10
1-90179	385/390	30/31	вкл./sat.	175.17	12.28	10
1-90180	370/370	30/31	вкл./sat.	170.02	11.92	10
1-90756	425.0/430.0	29.0/28.0	вкл./sat.	157.29	11.03	10

Визуальный контроль, маркировка и упаковка без замечаний.

Visual inspection marking and packing – without remarks.

Подтверждаем, что продукция, указанная в настоящем сертификате, испытана и соответствует условиям контракта.

It is hereby certified that product listed in this certificate has been tested and is complied with contract's terms.

Итого инспектора/Surveyor's stamp

Контроль ОТК / Quality Inspector of TQCD

подпись / signature

Зайцева В.И. / Zaytseva V.I.

М.П.

Ф.И.О. / name

2019-02-22 10:54:45