DECLARATION OF PERFORMANCE

DRYVIT – ETA - ROXSULATION

1	Identification code of the product-type	DRYVIT-ETA-ROXSULATION
2	Intended use	External thermal insulation system with Dryvit finishes
3	Trade name	DRYVIT ROXSULATION
	Manufacturer	Production Plant DRYVIT Radziejowice KRZE DUŻE 7 96-325 RADZIEJOWICE Phone. +48 801 379848
4	Authorised representative	Does not apply
5	System of AVCP	System 2+
6a	Harmonised standard	Does not apply
6b	European Assessment Document	ETAG 004:2013
	European Technical Assessment	ETA-09/0038 established 29.09.2014
	Technical Assessment Body	Zakład Aprobat INSTYTUT TECHNIKI BUDOWLANEJ ul. Filtrowa 1, 00-611 WARSZAWA Notified body: 1488
7	Declared performance	The declared performances are presented in Table 1

Table. 1 Characteristics parameters of ROXSULATION system

Characteristics parameters	**Declared performances**	**Technical specification**
Reaction to fire	See table 2	ETAG 004:2013
Hygrothermal behaviour	The ETICS is resistant	ETAG 004:2013
Water absorption	with PRIMUS ROX M: *after 1 h < 1,0 kg/m^2;* *after 24 h < 0,5 kg/m^2;* Finishing coats see Table 3	ETAG 004:2013
Impact resistance	See table 4	ETAG 004:2013
Water vapour permeability	See table 5	ETAG 004:2013
Dangerous substance	NPD	ETAG 004:2013
Adhesive	See table 6	ETAG 004:2013
Fixing strenght	NPD	ETAG 004:2013
Bond strenght after ageing	See table 7	ETAG 004:2013

Table 2.Reaction to fire

Configuration	Reaction to fire class according to EN 13501-1
ETICS DRYVIT ROXSULATION: • Adhesive: ROXHESIVE • MW boards • Base coat: PRIMUS ROX M • Finishing coats: ROXTEX QUARZPUTZ, ROXTEX SANDPEBBLE, ROXTEX SANDBLAST • Decorative coat: DEMANDIT, COLORSIL, SILSTAR	**A2 – s2, d0**
ETICS DRYVIT ROXULATION: • Adhesive: ROXHESIVE • MW boards • Base coat: PRIMUS ROX M • Finishing coats: QUARZPUTZ ROX SLK, SANDPEBBLE ROX SLK, SANDBLAST ROX SLK (with key coat PRIMESIL)	**A2 – s2, d0**
ETICS DRYVIT ROXULATION: • Adhesive: ROXHESIVE • MW boards • Base coat: PRIMUS ROX M • Finishing coats: AMERISTONE/ AMERISTONE T, STONEMIST/ STONEMIST T (with key coat COLOR PRIME or COLOR PRIME S	**A2 – s1, d0**
Other configurations	**NPD**

Table 3. Water absorption after 24 h

		< 0,5 kg/m^2	**≥ 0,5 kg/m^2**
Rendering system: base coat PRIMUS ROX M + finishing coat indicated hereafter	ROXTEX QUARZPUTZ, ROXTEX SANDPEBBLE, ROXTEX SANDBLAST (with decoratiove coat)	**X**	**-**
	QUARZPUTZ ROX SLK, SANDPEBBLE ROX SLK, SANDBLAST ROX SLK	**X**	**-**
	AMERISTONE / AMERISTONE T STONEMIST / STONEMIST T	**X**	**-**

Table 4.Impact resistance

		Single mesh layer DRYVIT STANDARD PLUS
MW panels + base coat PRIMUS ROX M + finishing coat indicated hereafter:	AMERISTONE	**Category I**
	AMERISTONE T	**Category II**
	STONEMIST	**Category I**
	QUARZPUTZ ROX SLK	**Category I**
	SANDBLAST ROX SLK	**Category II**
	ROXTEX QUARZPUTZ + DEMANDIT	**Category III**
	ROXSTEX SANDBLAST + COLORSIL	**Category III**
MW lamella + base coat PRIMUS ROX M + finishing coat indicated hereafter:	AMERISTONE	**Category I**
	AMERISTONE T	**Category II**
	STONEMIST	**Category II**
	SANDPEBBLE ROX SLK	**Category III**
	SANDBLAST ROX SLK	**Category III**
	ROXTEX SANDPEBBLE + SILSTAR	**Category III**
	ROXSTEX SANDBLAST + SILSTAR	**Category III**

Table 5.Water vapour permeability (S_d)

		Equivalent air thickness $s_{d\,(}m_{)}$
Rendering system: base coat PRIMUS ROX M + finishing coat indicated hereafter	ROXTEX QUARZPUTZ ROXTEX SANDPEBBLE ROXTEX SANDBLAST	≤ 1,0 m QUARZPUTZ ROX SLK: 0,14 PRIMESIL + SANDBLAST ROX SLK: 0,23
	QUARZPUTZ ROX SLK, SANDPEBBLE ROX SLK, SANDBLAST ROX SLK	≤ 1,0 m ROXTEX QUARZPUTZ + DEMANDIT: 0,29 ROXTEX QUARZPUTZ + SILSTAR: 0,21 ROXTEX QUARZPUTZ + COLORSIL :0,15
	AMERISTONE / AMERISTONE T STONEMIST / STONEMIST T	≤ 1,0 m COLOR PRIME + AMERISTONE: 0,65 m COLOR PRIME + AMERISTONE T: 0,66m COLOR PRIME + STONEMIST: 0,50 m

Table 6. Bond strength

Bond strength between base coat and insulation product (MW lamella)			
Base coat	**Under dry conditions**	**After hygrothermal cycles on the rig**	**After freeze/thaw cycles**
PRIMUS ROX M	**≥ 0,08 MPa**	**≥ 0,08 MPa**	Test not required because freeze/thaw cycles are not necessary

Bond strength between base coat and insulation product (MW panels)			
Base coat	**Under dry conditions**	**After hygrothermal cycles on the rig**	**After freeze/thaw cycles**
PRIMUS ROX M	**failure into MW**	**failure into MW**	Test not required because freeze/thaw cycles are not necessary

Bond strength between: adhesive – substrate (concrete) and adhesive – insulation product (MW lamella)				
Adhesive		**Under dry conditions**	**48 h immersion in water + 2 h drying at (23 ± 2)°C and (50 ± 5)% RH**	**48 h immersion in water + 7 days drying at (23 ± 2)°C and (50 ± 5)% RH**
ROXHESIVE	Concrete	**≥ 0,25 MPa**	**≥ 0,08 MPa**	**≥ 0,25 Mpa**
ROXHESIVE	MW lamela	**≥ 0,08 MPa**	**≥ 0,03 MPa**	**≥ 0,08 Mpa**
Minimal bonded surface area is 40% for MW panels and 100% for MW lamella				

Table 7. Bond strength after ageing

With MW panels		
Rendering system: base coat PRIMUS ROX M + finishing coat indicated hereafter	ROXTEX QUARZPUTZ ROXTEX SANDPEBBLE ROXTEX SANDBLAST (with decorative coat)	**< 0,08 MPa** **Failure into MW**
	QUARZPUTZ ROX SLK SANDPEBBLE ROX SLK SANDBLAST ROX SLK	**< 0,08 MPa** **Failure into MW**
With MW lamella		
Rendering system: base coat PRIMUS ROX M + finishing coat indicated hereafter	ROXTEX QUARZPUTZ ROXTEX SANDPEBBLE ROXTEX SANDBLAST (with decorative coat)	**≥ 0,08 MPa**
	QUARZPUTZ ROX SLK SANDPEBBLE ROX SLK SANDBLAST ROX SLK	**≥ 0,08 MPa**
	AMERISTONE / AMERISTONE T STONEMIST / STONEMIST T	**≥ 0,08 MPa**

The performance of the product identified above is in conformity with the set of declared performances. 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:

Place, date:

Krze Duże, 10.12.2014

Signature:

KIEROWNIK
KONTROLA JAKOŚCI
Krzysztof Dobraczyński