DECLARATION OF PERFORMANCE

according Annex III of the Regulation (EU) No 305/2011
amended by Commussions delegated Regulation (EU) No 574/2014
+ UK

Name of the product

iQ-Therm 30 / 50 / 80

Nr. GBI F 021-4

Unique identification code of the product:

0241 – 0242 - 0243

Intended use/s:

Thermal insulation material for buildings

Manufacturer:

Remmers GmbH
Bernhard-Remmers-Str. 13
D - 49624 Löningen

Distributor UKCA:
Remmers (UK) Limited, Unit 4, Lloyds Court, Manor Royal Crawley, RH10 9QU

System/s of AVCP:

System 4 (for uses subject to reaction to fire regulations)

Harmonised standard:

EN 13165:2012 + A2:2016

Notified body/ies:

EN 13165:2012 + A2:2016

Warringtonfire Frankfurt GmbH
Industriepark Höchst, C369
D-65926 Frankfurt

DAkkS Deutsche Akkreditierungstelle D-PL-18354-01-00
NB 1378

Declared performance/s:

Essential characteristics	Performance		
Reaction to fire	E (EN 13501-1)		
Water permeability	NPD		
Release of dangerous substances, emission inside the building	NPD (no harmonised test method available)		
Air sound reduction index	NPD		
airborne sound insulation	NPD		
Mouldering performance	NPD (no harmonised test method available)		
Thermal resistance	Thermal resistance	Nominal thickness d_N (mm)	R_D (m^2*K/W)
		30	0,938
		50	1,563
		80	2,500
	Thermal conductivity	λD = 0,032 W/m*K	
	Thickness	30 - 80mm /T2	
Water vapour permeability	NPD		
Compressive strength	Compressive stress	CS(10\Y)100	
Tensile/flexural strength	Tensile strength perpendicular to the panel surface	TR80	
Durability of the reaction to fire under the influence of heat, weather, aging/decay	The reaction to fire of polyurethane hard foam products remains constant.		
Durability of the thermal resistance under the influence of heat, weather, aging/decay	Thermal resistance and thermal conductivity Durability of the thermal resistance under the influence of aging/decay Determination of the values of thermal resistance and thermal conductivity after aging	All time-dependent variations of the thermal conductivity of PU products are covered in 4.2.1 in connection with Annex C for thermal conductivity and treated in relationto the declaration.	
	Dimensional stability under defined conditions of temperature and air humidity	DS(70,90)3	
		DS(-20,-)1	
	Deformation under given load and temperature exposure	NPD	
Durability of the compressive strength under the aging/decay	NPD		

	Dimensions			Packaging unit
	Width	**Length**	**Thickness**	**Panels per package/ m²**
iQ-Therm 30	600 mm +/- 2mm	1200 mm +/- 2mm	30 mm +/- 2mm	14 panels ≙ 10,08/ m²
iQ-Therm 50	600 mm +/- 2mm	1200 mm +/- 2mm	50 mm +/- 2mm	8 panels ≙ 5,76 / m²
iQ-Therm 80	600 mm +/- 2mm	1200 mm +/- 2mm	80 mm +/- 2mm	5 panels ≙ 3,60 m²

The performance of the product identified above is in conformity with the set of declared performance/s. 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 an on behalf of the manufacturer by:

Remmers GmbH
i. V. Thorsten Kaup
Area manager

Löningen, 11.09.21 ....
(place and date issue) (signature)