Number		Category	
BAR 19-090/01/A Replaces: -	kiwa	New built and retrofit existing flat roofs	
Date		Phase	
2019.01.15	BDA Agrément [®] BAR 19-090/01/A	Assessment	
Project number		Subject	
13-B-0953/4	Remark: in the text of this document reference is made to some of the sources in section 2 by adding the	Liquid applied	
Validity www.kiwa.co.uk/bda		waterproofing system	
System	RapidRoof [®] Waterproof System		
Agrément holder	EcoProof Ltd.T.: +44 (0) 01948 841 018Prees GreenE.: support@ecoproof.comWhitchurchW.: ecoproof.comShropshireSY13 2BN,UK	APIDROOF.	
Description	Cold liquid applied (by roller or brush) one to three coat system requiring a primer ('kit' according to BDA Guideline-BDA Agrément®) with 100 mm wide strips of glass fleece reinforcement at details and overlaps in the substrate. The system sets within 20 minutes of mixing and is trafficable within 1 hour. Available in a variety of colours.		
Scope (use)	Waterproofing of new built flat roof constructions and over coating of existing flat roof surfaces (see section 8.2) including but not limited to single ply, asphalt, concrete, bitumen roofing felt, thermal insulation and timber and existing pitched roof surfaces of metal or asbestos.		
Summary of Agrément	 This Agrément covers the following: Conditions of use; Sources, including relevant codes of practice and test reports; Independently verified product characteristics; Quality control and continuous surveillance; Points of attention for the specifier and examples of details; Installation procedure; Compliance with national Building Regulations and non-regulatory Standards. 		
Major points of assessment	Walkability aspects (sections 8.1 & 8.2) The unprotected RapidRoof [®] Waterproof System will resist the effects of limited foot traffic and loads associated with installation and maintenance of the systems without damage.		
	An important property of the RapidRoof® Waterproof System concerns the water tightne will resist the passage of water and any other form of moisture infiltration into the substitute building.	ess. The system ate, details and	
	Detachment risk (section 8.4) The RapidRoof [®] Waterproof System will sufficiently resist the effects of any likely wind the effects of thermal or other minor movements of the substrate likely to occur in practice.	up-lift forces and ce.	
	Condensation risk (section 8.5) The performance of a roof construction waterproofed with the RapidRoof [®] Waterproof System with regard to interstitial condensation and surface condensation has been considered.		
	Behaviour in relation to fire (section 8.6) The refurbishment of an existing flat roof or the waterproofing of a new built roof using a Waterproof System can be designed to meet the UK requirements.	a RapidRoof [®]	
	Durability and maintenance (section 8.7) The unprotected RapidRoof [®] Waterproof System will provide under normal service con- waterproof covering with a service life expectancy of at least 20 years.	ditions a durable	
Statement	It is the opinion of the Kiwa BDA Expert Centre Building Envelope (ECBE) that the Rap Waterproof System is fit for its intended use, provided it is specified, installed and used with this Agrément.	idRoof [®] in accordance	
	Professor Nico Hendriks, MSc Authorisation: Chris van der Me	eijden, MSc	
	ECBE Kiwa BDA Chairman Technical Director		
Version	Kiwa BDA Expert Centre Building Envelope (ECBE)	Page 1	
01	Niwa BDAKiwa Ltd.Avelingen West 33Unit 5 Prime Park WayP.O. Box 389Prime Enterprise Park4200 AJ GorinchemDerby, DE1 3QBThe NetherlandsUnited Kingdom+31 (0)183 66 96 90+44 (0)7718 57 05 64Copyright® 2019 Kiwa BDAwww kiwa co uk/bda	of 8 pages	

1 Conditions of use	 Application The assessment of RapidRoof[®] Waterproof System relates to the use of the system for new built and retrofit existing flat roofs of dwellings and buildings with similar temperature and humidity conditions with correctly installed continuously supported coverings, which have been designed and constructed in accordance with, but not limited to, the relevant classes of BS 6229³ and BS 8217⁴ or any other structurally sound substrates. The products used for the systems are not classified as dangerous according to EU directive 199/45/EC. Assessment Kiwa BDA Testing⁺) have assessed the RapidRoof[®] Waterproof Systems according to ETAG 005:2004 – Guideline for European Technical Approval of Liquid Applied Roof Waterproofing Kits⁵, a summary of the test results is given in section 3 of this Agrément. Kiwa BDA Expert Centre Building Envelope (ECBE) have assessed all aspects related to the quality control, specifications, installation procedure and Building Regulations. <i>° CPD/CPR</i> Notified Laboratory Nr. NB 1640; Testing Accreditation RvA L 447 (acknowledged by UKAS) Installation The System shall only be installed by contractors who's employees have followed a training programme which provides contractors with the necessary skills and product knowledge to become a fully certified RapidRoof[®] Approved Contractor. The System shall be installed strictly in accordance with the instructions of the Agrément holder and the requirements of this Agrément. Geographical scope The validity of this document is limited to England, Wales, Scotland and Northern Ireland, with due regard to section 11. of this Agrément (Building Regulations). Validity The purpose of this BDA Agrément[®] is to provide for well-founded confidence to apply the RapidRoof[®] Waterproof System in the described applications and according to approved speci	
2 Sources	 review. This Agrément is not valid in those cases where ECBE identifies that the design of the application does not comply with article 8.2. Permitted constructions. BDA Guideline – BDA Agrément[®], 2015-06-30 NHBC Standards 2019 Chapter 2.1 The Standards and Technical Requirements and Chapter 7.1 Flat Roofs and Balconies BS 6229:2003 Flat roofs with continuously supported coverings – Code of practice BS 8217:2005 Reinforced bitumen membranes for roofing – code of practice ETAG 005:2004, parts 1, 2 and 7 Guideline for European Technical Approval of Liquid Applied Roof Waterproofing Kits Kiwa BDA Testing Report 0262-C-16/1: RapidRoof[®] - Determination of product characteristics, 2018-03-13 Kiwa BDA Testing report 0309-C-18/3 Reaction to fire RapidRoof waterproof with RapidRoof Reinforcement Matting, 2019-02-06 Kiwa BDA Testing Classification report 0309-C-18/4 RapidRoof waterproof with RapidRoof Reinforcement Matting, 2029-02-6 RapidRoof[®] Waterproof Anti-Skid Felt Specification, vs2, 2018-07-13 RapidRoof[®] MMA chemical Resistance Guide, Revision 0112 Kiwa GmbH Polymer Institut, FPC certificate 1119-CPR-0831 according to EN 1504-2:2004, 2015-05-16, <i>in German</i> BS EN 1504-2:2004 Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 2: Surface protection systems for concrete TÜV PROFI ISO 9001:2015 Certificate for RapidRoof[®], 2018-07-19 RapidRoof[®] Installation Guide, 2018 Exova Warrington Test Report No. 385507: External Fire Exposure Test – EcoProof Limited, 2017-07-05 BS 476 Part 3:2004 British Standard Specification for Fire Tests on Building Materials and Structures – External Fire Exposure Roof Test BS 5250:2011+A1:2016 Code of practice for control of condensation in buildings BS EN 13501-1:2007+A1:2009 Fire classification of construct	
Version 01	Expert Centre Building Envelope Page 2 Copyright [©] 2019 Kiwa BDA of 8 pages	

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01	Copyright [©] 2019 Kiwa BDA		of 8 pages
Version	Expert Centre Building Envelop	e	Page 3
Version	after 7 days 70°/90% RH on PVC, mean value, initial after 7 days 70°/90% RH on metal tiles, mean value, initial after 7 days 70°/90% RH on APP, mean value, initial after 7 days 70°/90% RH installation temperature ⁹ pot life ¹⁰ @ 20°C @ 10°C storage temperature ¹⁵ Expert Centre Building Envelop	: 337 kPa : 1137 kPa : 1203 kPa : 2033 kPa : 963 kPa : 283 kPa : 320 kPa : 0 to +35 °C : 15 min : 20 min : +5 to +20 °C	Page 3
	on concrete, mean value, initial after 7 days 70°/90% RH on felt, mean value, initial after 7 days 70°/90% RH on OSB, mean value, initial	: 1619 kPa : 1037 kPa : 255 kPa : 830 kPa : 623 kPa	
	 after 4000 h of UV ageing (prEN 1297²²) impact on 50 mm EPS CS(10)150 (BS EN 12691²¹ result at a drop height of 1250 mm, initial result at a drop height of 1250 mm, after 4000 h of UV ageing (prEN 1297²²) resistance to fatigue movement (EOTA TR 008²³) after 1000 cycles at -10 °C resistance to delamination (EOTA TR 004²⁴) delamination strength 	: 5 x no leakage) : 5 x no leakage : 5 x no leakage : small cracks but 3 x w	atertight
	 water vapour diffusion resistance factor, μ-value water vapour diffusion resistance s_D = t·μ (t in m) resistance to mechanical damage⁶ static indentation on concrete (EOTA TR 007²⁰) at loading with 150 N, initial at loading with 150 N after water ageing impact on 3 mm aluminium (BS EN 12691²¹) result at a drop height of 900 mm, initial result at a drop height of 1500 mm, 	: > 40,000 - : 80 m : 3 x watertight : 3 x watertight : 5 x no leakage	
functions**)	 mini unotriess t, as applied minimum tensile strength elongation at break⁹ reaction to fire classification (BS EN 13501-1¹⁹)⁸ resistance to external fire exposure¹⁶ category (BS 476: Part 3¹⁷) water vapour diffusion resistance (tabulated value) 	: 1.5 N.mm ⁻² : 200 % : Euroclass E : EXT.F AC : > 100 ➡ Ns.g ⁻¹	
3 Independently verified system characteristics of components used for critical	 reference number in superscript RapidRoof[®] **⁾The critical functions which apply to this section and section 4 are the behaviour in relation fire, weatherproofing and durability, as mentioned in R3(a) of the NHBC Standards² Identification properties 		
(continued)	 BS EN 12691:2006 - Flexible sheets for waterproofing - Bitumen, plastic and rubber sheets for roof waterproofing - Determination of resistance to impact prEN 1297:1994 - Flexible sheets for roofing - Determination of resistance to UV and water ageing, Part 1: bitumen sheeting. EOTA Technical report TR 008:2004 - Determination of the resistance to fatigue movement EOTA Technical report TR 004:2004 - Determination of the resistance to delamination BS 1607:2013 Thermal insulating products for building applications. Determination of tensile strength perpendicular to faces Kiwa BDA Report 13-B-0953, Installation of RapidRoof® Waterproof System, 2018-08-10 		
2 Sources	20 EOTA Technical report TR 007:2004 - Determination	n of the resistance to sta	tic indentation

4 Assessed ancillary items used for critical functions**) **) See section 3	 Joint Tape 150 g.m⁻² Chopped Stand Fibreglass Matting, available in various widths and lengths; used to fully reinforce the RapidRoof[®] Waterproof membrane to bring extra strength to the whole area; also assists with regulating the correct applied thickness. RapidRoof[®] Crack and Joint filler three-part system comprising of an aggregate, liquid base and catalyst; mixed together they create a trowlable filling system that is fully cured in 20 minutes. Anti-Skid for when an Anti-Skid finish is desired; comprised of two-parts, a main aggregated and liquid mix and a base catalyst; tins should be thoroughly mixed before adding catalyst as they tend to settle; applied in a similar manner as the main RapidRoof[®] Waterproof system with the additional requirement of back rolling the uncured membrane after several minutes to ensure the aggregate remains proud of the surface. 		
5 Factory Production Control (FPC)	Kiwa GmbH Polymer Institut, Notified Body 1119 has performed the initial inspection and of the Factory Production Control (FPC) and performs the continuous surveilla approval of the FPC. In compliance with the CPD/CPR it has been stated that Rap Waterproof System are submitted by the manufacturer to the initial type-testing of s at the factory in accordance with a prescribed test plan; the FPC Certificate 1119-C attests that all provisions concerning the attestation of conformity and the performa in Annex ZA of BS EN 1504-2 ¹³ was applied and that the product fulfils all the pres requirements.	on of the factory nce and idRoof [®] samples taken CPR-0831 ¹² ances described cribed	
6 Quality Management System	RapidRoof [®] Waterproof System components are produced under a Quality Management System (based on the FPC Certificate ¹² and the ISO 9001 Certificate ¹⁴), which enables the Agrément holder to demonstrate that the components fulfil the requirements of this Agrément.		
7 Continuous surveillance	The FPC Agrément of Factory Production Control 1119-CPR-0831 ¹² remains valid subject to satisfactory surveillance audits and the conditions in the factory or the FPC itself are not modified significantly.		
8 Points of attention for the specifier	 significantly. Roof design within the geographical scope (see section 1.4) RapidRoof[®] Waterproof System will be appropriate in practically all cases; in cases where due to unusual circumstances relatively high surface temperatures (> 40 °C) could occur during relatively long periods (> 4 weeks), advice should be asked from the Agrément holder; the roof construction shall conform with current Building Regulations, British Standards and relevant Codes of Practice; the access to the roof shall be limited, meaning roofs subjected only to pedestrian traffic for maintenance of the roof covering and cleaning of gutters, etc; the minimum finished fall of a flat roof surface shall be 1 : 80; the roof type shall be acceptable according to article 8.2; the existing roof finishing shall form an acceptable surface according to article 8.2; the substrate for the RapidRoof[®] Waterproof System shall be designed, constructed and prepared in accordance with the relevant clauses of BS 6229³ and BS 8217⁴; RapidRoof[®] Waterproof System can be applied either without or with a finish of mineral granules. 2 Permitted constructions Within the framework of this Agrément the following roof types and roof covering types are allowed to be waterproofed with RapidRoof[®] Waterproof System (see also the figures in section 9), with due respect to article 8.1 and the NHBC Standards, reference R3(a), (iv): Roof types: warm exposed flat roofs cold exposed pitched metal roofs with a maximum pitch inverted roof build-ups with aggregate or paver ballast on flat roofs Attention: green roof specifications have not been assessed Roof covering types (see also section 3): concrete bitumen roofing felt OSB board single ply (PVC) 		
Version	Expert Centre Building Envelope	Page 4	
01	Copyright [©] 2019 Kiwa BDA	of 8 pages	

8 Points of attention for the specifier (continued)	 metal tiles APP modified bitumen The fitness for purpose of the substrates shall be established according a Agrément. 	article 10.3 of this
	 Water tightness an important property of the RapidRoof[®] Waterproof System concerns the systems will resist the passage of water and any other form of mothe substrate, details and the building; tests⁶ have shown that roof constructions waterproofed with the system accordance with section 10 of this Agrément meet or comply with the requirements of the national Building Regulations. 	s the water tightness; isture infiltration into m when installed in relevant
	 4 Detachment risk tests⁶ have shown that the RapidRoof[®] Waterproof System will sufficient effects of any likely wind up-lift forces; when installed in accordance with section 10 of this Agrément the syswaterproof roof resisting sufficiently the effects of thermal or other min substrate likely to occur in practice. 	iently resist the tem will provide a for movements of the
	5 Condensation risk Roofs incorporating the system will adequately limit the risk of interstitial designed in accordance with BS 5250 ¹⁸ .	condensation when
	 6 Behaviour in relation to fire the RapidRoof[®] Waterproof System does not prejudice the fire-resista roof. Therefore, the components of the system will not contribute to th stages of a fire or present a smoke or toxic hazard; when properly installed, the system will not add significantly to any exist the reaction to fire has been classified⁸ as Euroclass E according to B the resistance to external fire exposure has been categorized as EXT. BS 476 Part 3¹⁷. 	nce properties of the e development isting fire hazard; S EN 13501-1 ¹⁹ ; . F AC according to
	7 Durability and maintenance The system is stable, rot-proof and will provide under normal service cond waterproof covering with a service life of at least 20 years. There is no ris infestation.	ditions a durable k for moth or beetle
9 Examples of details	Figure 1 – Typical build-up of flat roof application of the RapidRoof [®] Waterproof System in combination with Anti-Skid	
	Figure 2 – Detailing Cracks and Joints	
	Figure 3 – Detailing Angles	
	Figure 4 – Joint Tape Application	
	Remark 1: As part of the required technical consulting service (see paragraph holder can provide, for special (cad) details, for example on openings, outlets	h 10.5) the Agrément and gutters.
	Remark 2: EcoProof Ltd. hosts regular training programmes to provide contra essary skills and product knowledge to become a fully certified RapidRoof [®] A	actors with the nec- pproved Contractor.
10 Installation aspects	 General the systems shall be installed strictly in accordance with the instruction 	ons of the Agrément
•	holder ¹⁵ and the requirements of this Agrément and only by contractor have been trained and approved by the Agrément holder;	ors who's employees
	 installation of RapidRoof[®] Waterproof Systems and ancillary items sh with the Agrément holder's specifications¹⁵ and current good building 	nall be in accordance practice;
	 cracks, substrate damage and deterioration shall be repaired prior to waterproof membrane system in accordance with the relevant clause BS 8217⁴; 	installation of the es of BS 6229 ³ and
	 all surfaces to be waterproofed shall be structurally stable, clean, dry release agents, dust, laitance, oils, paints or other forms of contamina 	and free from ation;
Version	Expert Centre Building Envelope	Page 5
01	Copyright [©] 2019 Kiwa BDA	of 8 pages

10 Installation aspects (continued)	 after cleaning and preparation of the substrate is complete, all surfaces as for surface irregularities (such as cracks, blisters and plies) and suitable according to section 9, figure 2 and the installation instructions of the Ag RapidRoof® Waterproof Systems shall not be applied at an ambient temp Delivery and site handling the components of the RapidRoof® Waterproof Systems are delivered or containers; the label should include product component name, the suppli and safety information, weight, the BDA identification mark, preparation a instructions and the number of this Agrément; it is recommended to read Safety Data Sheets (MSDS)¹¹ carefully prior to the opening of the container the containers must be protected from being dropped or crushed by obje exercised when storing large quantities on site; the containers shall not be exposed to open flame or other ignition source away from flammable material such as paint and solvents; to ensure maximum performance of the components when installed, on smust be taken to protect them from mud and dirt. 	shall be inspected repairs made rément holder ¹⁵ ; berature < 0 °C. In site in protective iers name, health and installation I the Material ners; sunlight; fects; care must be les and be stored site precautions
	 3 Fitness for purpose of the substrate right from the start of a project the substrate on the actual location must establish its being fit for purpose; it is recommended to perform a pulling BS EN 1607²⁵ on the adhesion, the tensile strength perpendicular to the be at least 4 kPa; the application of RapidRoof[®] Waterproof System is only allowed on a purpose; it is essential that the following specific performance requirement of the structure, which must be capable of absorbing a external loadings as established by the Structural Engineer to BS EN 1 stiffness, durable adhesion and pre-treatment of the substrate in according relevant clauses of BS 6229³ and BS 8217⁴ in case the fitness for purpose has not been demonstrated, installation of Waterproof System is not allowed within the framework of this Agrément 	be assessed to g test according to roof surface shall substrate fit for ents are met: 2217 ⁴ all forms of 991 (Eurocode 1) dance with the of the RapidRoof [®] t.
	 Mixing it is recommended that all products are mixed using a paddle mixer when with a similar apparatus; ensure all products are mixed thoroughly to ensure even curing; typically mixing is sufficient; Primers, waterproof and Anti-Skid all primer, waterproof and Anti-Skid products in the RapidRoof[®] range a product and catalyst; Curing time once catalysed (catalyst mixed into base product) the installer will have in which to apply the product to the required area or application; it is advised to always decant only the amount of product that can be ap minutes to avoid unnecessary wastage and avoid shortage of product; for see the Agrément holder's instructions¹⁵. 	ere available, or y 1 minute of re two part: base up to 20 minutes plied within 10 or further details
	 5 Roof installation Priming on completion of the cleaning and preparation, proceed with coating the whole roof w RapidRoof[®] Detailing Primer from the product range at a typical application rate of 0.3 kg.m⁻² (this may vary depending on primer and surface, see the instructions of the Agrément holder¹⁵); use a brush or roller to apply to all areas required to be waterproofed including upstand although upstands may not be required if using only Anti-Skid; Waterproof it is recommended to start with the detailing; guidance is given in the figures 2, 3 and section 9 and in the RapidRoof[®] Installation Guide¹⁵; once the primer layer has been applied it is advised to allow a 1 hour gap before app the waterproofing layer, to ensure the primer is fully cured; decant the required amount for the area to be covered at a rate of 1 kg.m⁻² on the firs coat and 1 kg.m⁻² on the second coat and mix with catalyst following the mixing guide recommendations; 	
Version	Expert Centre Building Envelope	Page 6
01	Copyright [©] 2019 Kiwa BDA	of 8 pages

10 Installation aspects (continued)	 Anti-Skid once mixed, pour the waterproof membrane onto the surface and coat e or roller; allow 1 hour before applying the second coat; following this appallow 1 hour before proceeding to walk over the roof surface if required; if not applying Anti-Skid one can proceed to apply any trims or carry out works required; if applying an Anti-Skid coating to the waterproofing membrane, proceed area to be coated is free of any dust or dirt; apply masking tape to the area at the specified width required to create decant and mix the amount of Anti-Skid Membrane required for the area? once mixed, pour onto surface and apply using brush or roller; maintain of 1 kg.m⁻² to ensure the aggregate stands proud of the liquid and provid to the surface; while curing, remove the tape to ensure a clean edge to the walkway; al allowing traffic over the cured surface. 	evenly using brush olication also any additional d by ensuring the a neat finish; a to be coated; the coverage rate des a rough finish low 1 hour before	
	 6 Maintenance and repair once installed strictly in accordance with the requirements of this Agrément Agrément holder, the applied system only requires normal maintenance, the maintenance as required for single-ply and bitumen felt roof surfaces the system should be subjected to regular annual inspections by a comp contractor and roof drains and gutters kept clear as is good practice; if during the inspection any damage e.g. in the form of cracks or fish more observed, these damages shall be repaired (preferably during the inspections 9 of this Agrément; the Agrément holder must continue to provide a technical consulting service of the analytical consulting service of the special (cad) details. 	ent and of the comparable with 3; betent approved uthing is ction) using the d illustrated in vice, such as but	
11 Building Regulations	 Requirements: The Building Regulations 2010 and subsequent amendr B4(2) External fire spread – tests^{7,16} indicate that on suitable substructu System will enable a roof to be unrestricted under this Requirement; Ray Waterproof System have a Euroclass E rating and Category EXT.F AC, and 8.6 of this Agrément; C2(b) Resistance to moisture - tests for water tightness of the system, in indicate that the system meets this Requirement, see section 8.3 of this Regulation 7 Materials and workmanship – RapidRoof® Waterproof Syste are manufactured from suitably safe and durable materials for their applit installed to give a satisfactory performance, see section 10 of this Agrém 	Jirements: The Building Regulations 2010 and subsequent amendments 34(2) External fire spread – tests ^{7,16} indicate that on suitable substructures the use of the System will enable a roof to be unrestricted under this Requirement; RapidRoof [®] Vaterproof System have a Euroclass E rating and Category EXT.F AC , see sections 3 and 8.6 of this Agrément; C2(b) Resistance to moisture - tests for water tightness of the system, including joints ⁶ , ndicate that the system meets this Requirement, see section 8.3 of this Agrément; Regulation 7 Materials and workmanship – RapidRoof [®] Waterproof System components are manufactured from suitably safe and durable materials for their application and can be installed to give a satisfactory performance, see section 10 of this Agrément.	
	 Requirements: The Building (Amendment) Regulations (Wales) 2014 and subsequent amendments B4(2) External fire spread – tests^{7,16} indicate that on suitable substructures the use of th system will enable a roof to be unrestricted under this Requirement; RapidRoof[®] Waterproof Systems have a Euroclass E rating and Category EXT.F AC, see sections 3 and 8.6 of this Agrément; C2(b) Resistance to moisture - tests for water tightness of the system, including joints⁶, indicate that the system meets this Requirement, see section 8.3 of this Agrément; Regulation 7 Materials and workmanship – RapidRoof[®] Waterproof System components are manufactured from suitably safe and durable materials for their application and can be installed to give a satisfactory performance, see section 10 of this Agrément. 		
	 3 Requirements: The Building (Scotland) Regulations 2004 and subseque 3.1 Regulations 8 (1)(2) Durability of materials and workmanship the RapidRoof[®] Waterproof System is manufactured from acceptable maconsidered to be adequately resistant to deterioration and wear under not conditions, provided they are installed in accordance with the requireme Agrément, see section 10 of this Agrément. 	ent amendments aterials which are ormal service nts of this	
	 3.2 Regulation 9 Building Standards Construction 2.8 Spread from neighbouring buildings – tests^{7,16} indicate that the syster to a non-combustible substrate, can be assessed as having low vulnerab 2.8.1 of this Standard, RapidRoof[®] Waterproof System have Euroclass E Category EXT.F AC, see sections 3 and 8.6 of this Agrément; 	n when applied ility under clause rating and	
Version 01	Expert Centre Building Envelope Copyright [©] 2019 Kiwa BDA	Page 7 of 8 pages	

10 Building Regulations (continued)	 3.10 Precipitation – a roof waterproofed with the RapidRoof[®] Waterproof adequately resist the passage of moisture provided the roof is constructe with BS 6229³ and Section 10 of this Agrément, with reference to clauses 3.10.7 of this Standard; 	System can d in accordance s 3.10.1 and
	3.3 Regulation 12 Building Standards Construction All comments given for the RapidRoof [®] Waterproof System under Regulation this Regulation, with reference to Schedule 6 of the Building (Scotland) Regulation subsequent amendments, and clause 0.12 of the Technical Handbook (Dom	n 9 also apply to ulations 2004 and nestic).
	 4 Requirements: The Building Regulations (Northern Ireland) 2012 and su amendments 23(a)(i)(iii) Fitness of materials and workmanship – RapidRoof® Waterpi manufactured from materials which are considered to be suitably safe a use as waterproofing and finishing of roofs as described in this Agrémer and 10; 28 Resistance to moisture and weather – where RapidRoof® Waterproof installed on roofs as described in this Agrément, these roofs can be desconstructed so as to prevent the passage of moisture or water vapour the Guidance is given in sections 8 and 10 of this Agrément; 36(b) External Fire spread – tests^{7,16} indicate that on suitable substruct the system will enable a roof to be unrestricted under this Requirement; Waterproof Systems have a Euroclass E rating and Category EXT.F AC and 8.6 of this Agrément; 5 Construction (Design and Management) Regulations 2015 Construction (Design and Management) Regulations (Northern Ireland) 	ubsequent roof System is nd acceptable for nt, see sections 8 of System is signed and nrough it. ures the use of RapidRoof [®] c, see sections 3
	Information in this Agrément may assist the Principal, Construction Design and Manageme co-ordinator, specifier and contractors to address their obligations under these Regulations see sections 3 and 4 of this Agrément.	
12 NHBC Standards	accordance with this Agrément, can satisfy or contribute to satisfying the relevant requirements relation to NHBC Standards ² in relation to NHBC Standards Chapter 7.1 Flat Roofs and Balcor	
Version	Expert Centre Building Envelope	Page 8
01	Copyright [©] 2019 Kiwa BDA	of 8 pages

RapidRoof System: RapidRoof Waterproof anti-skid System 2 mm thickness in total. (1 mm waterproof, 1 mm anti-skid) Primer: Primer is used to seal the surface and provide extra adhesion. 2 Substrate: Cleaned surface ready to accept primer. Figure 2 – Detailing Cracks and Joints Joint Tape: Joint tape embedded into Detailing Primer. Detailing primer: Substrate: Coating of Detailing primer to surface. Cleaned surface pre coated in Larger joints/cracks to be filled with RapidRoof primer. Crack and Joint filler.

Figure 1 – Typical build-up of flat roof application of the RapidRoof® Waterproof System in combination with Anti-Skid



Cleaned surface pre coated in RapidRoof primer.

Figure 4 – Joint Tape Application

Ensure when applying Joint Tape that it is completely flat and free of gaps or fish mouths.



The perfect finish for Joint Tape leaves it flat to the surface and free of gaps fully embedded into the Detailing Primer below

