



Imper Italia S.r.l. con socio unico
 Capitale Sociale € 10.500.000 I.V. - R.E.A Torino 586375
 M.exp. TO 035518 – Reg. Impr. TO. • C.F. e P.IVA 03764530014

Sede Legale e Amministrativa
 Via Rita Atria, 9
 10079 Mappano (TO) Italia
 Tel. (+39) 011 2225.499
 imper@imper.it – www.imper.it

Stabilimento di Mappano
 Via Rita Atria, 9
 10079 Mappano (TO) Italia
 Tel. (+39) 011 2225.499
 commercialeitalia@imper.it

Stabilimento di Marano Ticino
 Via Sempione, 8
 28040 Marano Ticino (NO) – Italia
 Tel. (+39) 321 970.16
 rubberfuse@imper.it

Sheet 1/2

ACCOMPANYING TECHNICAL DOCUMENTATION	13	DECLARATION OF PERFORMANCE
Annex to D.D.T. N° of		N° 7ZWB08-00

1. Unique identification code of the product-type: **7ZWB08**

2. Product Identification:

PARALON EVO TOTAL PROTECTION			
Reinforced APP polymers modified bitumen sheets for roof waterproofing			
Length	8,00 (-1%)m	Width:	1,000 (-1%)m
		Weight or thickness	4,00mm
Finishing TOP/BOTTOM	MINERAL/TERMOTENE	Reinforcement:	STABILIZED POLYESTER
		Installation:	(*) MECHANICAL FIXING AND TORCH

(*) Storage in vertical position, out of sun and freezing. Stabilize for 24h at+5°C, prior to use, where otherwise TDS

3. Intended uses of the construction product:

Harmonised technical spec. EN	Intended uses
13707: 2004+A2:2009	<input checked="" type="checkbox"/> FLEXIBLE SHEETS FOR WATERPROOFING - DEFINITIONS AND CHARACTERISTICS REINFORCED BITUMEN SHEETS FOR ROOF WATERPROOFING (*): <input checked="" type="checkbox"/> - EXPOSED SINGLE LAYER <input type="checkbox"/> - EXPOSED MULTILAYER - TOP LAYER <input type="checkbox"/> - EXPOSED MULTILAYER - UNDERLAY OR INTERMEDIATE LAYER <input type="checkbox"/> - UNDER HEAVY PROTECTION <input type="checkbox"/> - ANTIROOT (*)Refer to our technical assistance service about correct stratigraphy
13859-1: 2010	<input type="checkbox"/> FLEXIBLE SHEETS FOR WATERPROOFING - DEFINITIONS AND CHARACTERISTICS: <input type="checkbox"/> - UNDERLAYS FOR DISCONTINUOUS ROOFING
13969: 2004	<input type="checkbox"/> FLEXIBLE SHEETS FOR WATERPROOFING - DEFINITIONS AND CHARACTERISTICS: <input type="checkbox"/> - BITUMEN DAMP PROOF SHEETS INCLUDING TANKING SHEET
13970: 2004/A1:2006	<input type="checkbox"/> FLEXIBLE SHEETS FOR WATERPROOFING - DEFINITIONS AND CHARACTERISTICS: <input type="checkbox"/> - BITUMEN WATER VAPOUR CONTROL LAYERS
14695: 2010+AC:2011	<input type="checkbox"/> FLEXIBLE SHEETS FOR WATERPROOFING - DEFINITIONS AND CHARACTERISTICS: REINFORCED BITUMEN SHEETS <input type="checkbox"/> - WATERPROOFING OF CONCRETE BRIDGE DECKS

4. Name of manufacturer: **IMPER ITALIA VIA R.ATRIA, 9 MAPPANO 10079-MAPPANO (TO)-ITALIA**

5. Authorised Representative: **n.a.**

6. Systems of assessment and verification of constancy of performance of the construction product:

Harmonised EN technical specification	Systems of assessment and verification of constancy of performance (AVCP)
13707:2004+A2:2009,13969:2004,14695:2010+AC:2011	AVCP 2+
13859-1:2010,13970:2004/A1:2006	AVCP 3

7. In accordance with the above-mentioned AVCP systems, notified bodys/laboratories have performed the initial inspection of the manufacturing plant and of factory production control, or the initial type testing provided, and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of conformity of the factory production control, or the test reports as described below:

Harmonised technical spec. EN	Notified body	Code	Certificate of conformity/Test report
13707: 2004+A2:2009	BUREAU VERITAS ITALIA	1370	CPR 0054
13859-1: 2010	- - -	- - -	- - -
13969: 2004	- - -	- - -	- - -
13970: 2004/A1:2006	- - -	- - -	- - -
14695: 2010+AC:2011	- - -	- - -	- - -

8. European technical assessment: n.a.

European technical assessment	Notified body	Code	Ref.Doc.	Certificate of conformity	Systems of assessment

9. Declared performance:

Essential characteristics	Units	Tolerances	Performances	Harmonised EN technical specification
External fire performance	CLASSE	-	B ROOF (T2)	15707:2004+A2:2009
Reaction to fire	CLASSE	-	F	15707:2004+A2:2009,15969:2004,15859-1:2010,15970:2004/A1:2006
Water absorption	kPa	>=	60	15707:2004+A2:2009,15969:2004,15859-1:2010,15970:2004/A1:2006,14695:2010+AC:2011
Tensile properties L/T	N/50 mm	+ -20 %	850 / 700	15707:2004+A2:2009,15969:2004,15859-1:2010,15970:2004/A1:2006,14695:2010+AC:2011
Elongation L/T	%	+ -15 abs	50 / 50	15707:2004+A2:2009,15969:2004,15859-1:2010,15970:2004/A1:2006,14695:2010+AC:2011
Root resistance	-	-	NPD	15707:2004+A2:2009
Resistance to static loading	Kg	>=	25	15707:2004+A2:2009,15969:2004
Resistance to impact	mm	>=	1500	15707:2004+A2:2009,15969:2004,15970:2004/A1:2006
Tear resistance L/T	N	+ -30 %	200 / 220	15707:2004+A2:2009,15969:2004,15859-1:2010,15970:2004/A1:2006
Joint resistance - Peel joint	N/50 mm	+ -20 N	60	15707:2004+A2:2009,15969:2004
- Joint strength	N/50 mm	+ -20 %	OJB	15707:2004+A2:2009,15969:2004,15970:2004/A1:2006
Foldability	°C	<=	-30	15707:2004+A2:2009,15969:2004,15859-1:2010,15970:2004/A1:2006
Water vapour properties	µ	>=	20.000	15970:2004/A1:2006
Durability:				
- Flexibility at low temperature	°C	+ 15°C	<= -20°C	15707:2004+A2:2009
- Deter.of flow res.at elev. temp.	°C	- 10°C	>= 140°C	15707:2004+A2:2009,14695:2010+AC:2011
- UV resistance	-	-	OK	15707:2004+A2:2009,14695:2010+AC:2011
- Var. tensile properties L/T	N/50 mm	+ -20 %	850 / 700	15859-1:2010
- Var. elongation L/T	N/50 mm	+ -15 abs	45 / 45	15859-1:2010
- Watertightness	kPa	>=	60	15969:2004,15859-1:2010,15970:2004/A1:2006
- Water vapour properties	µ	>=	NPD	15969:2004,15970:2004/A1:2006
- Chemical resistance	-	-	-	15960:,15970:2004/A1:2006
Res. to dynamic water pressure	kPa	>=	NPD	14695:2010+AC:2011
Watertightness	%	<=	NPD	14695:2010+AC:2011
Bond strength	N/mm ^q	>=	NPD	14695:2010+AC:2011
Capacity to bridge cracks	°C	<=	NPD	14695:2010+AC:2011
Compatibility	%	>=	NPD	14695:2010+AC:2011
Resistance to heat impact	-	<=	NPD	14695:2010+AC:2011
Resistance to compaction	-	-	NPD	14695:2010+AC:2011
Resistance to shear	N/mm ^q	>=	NPD	14695:2010+AC:2011
Dangerous substances:	Not contain dangerous substances in compliance with national standard			

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. The declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

(*) Contact IMPER for feasible systems