

# DECLARATION OF PERFORMANCE



N°: COLETANCHE ES2 HFA NH 001 EN

- 1. Identification code** COLETANCHE ES2 HFA
- 2. Intended use**  
 Geosynthetic barriers use in the construction of reservoirs and dams  
 Geosynthetic barriers use in the construction of canals  
 Geosynthetic barriers use as a fluid barrier in the construction of tunnels and underground structures  
 Geosynthetic barriers use as a fluid barrier in the construction of liquid waste disposal sites or transfer sites  
 Geosynthetic barriers use in the construction of solid waste storage and disposal sites  
 Geosynthetic barriers use in transportation infrastructure
- 3. Manufacturer**  
 AXTER SAS  
 143, avenue de Verdun  
 92130 Issy-les-Moulineaux  
 France  
 www.axter.eu/dop
- 4. Authorised representative** NA
- 5. System of assessment and verification of constancy of performance of the product** System 2+
- 6a. Product covered by the harmonised standard:** EN 13361, EN 13362, EN 13491, EN 13492, EN 13493, EN 15382  
 The ASQUAL, notify body n° 0334 has performed under system 2+ the initial inspection of factory production control the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control n° 0334 - CPR - 0011.
- 6b. European Technical Assessment :** NA
- 7. Declared performance**

Essential characteristics			Performance			Harmonised technical specification
			Value	Tolerance		
				Min	Max	
Tensile properties : maximum tensile force	Longitudinal		1200	850		EN 13361:2005/A1:2006 EN 13362:2006 EN 13491:2005/A1:2006 EN 13492:2005/A1:2006 EN 13493:2006 EN 15382:2013
	Cross direction		1000	700		
Tensile properties : elongation	Longitudinal		45	30		
	Cross direction		45	30		
Static puncture test (CBR test)	Resistance		3,5	3	kN	
	Move		50	40	mm	
Permeability to liquids			< 1.10 <sup>-6</sup>		m <sup>3</sup> /m <sup>2</sup> /j	
Resistance to oxidation	Residual value of tensile strength	Maximum tensile force	100	75		
		Elongation	100	75		
Maximum tensile force		100	75			
Elongation		100	75			
Dangerous substances			Note 1 and 2		-	
Gas Permeability			< 2.10 <sup>-4</sup>		m <sup>3</sup> /(m <sup>2</sup> .j.atm)	

NA: not applicable due to use of product.

Note 1 : This product does not contain asbestos or tar constituents

Note 2 : In the absence of European harmonized test methods, verification and declaration on release/content has to be done taking into account national provisions in the place of use.

The performances of the product identified above are in conformity with the declared performances.

In accordance with Regulation (UE)n°305/2011 , this declaration of performance is issued under the sole responsibility of the manufacturer identified above

Signed for and on behalf of the manufacturer by:  
 Peter Fleischmann (Managing Director)

Paris  
 09/10/2018

