

1. Identification Code : **008051 - DEFEND ANTIRADICE POL.4 MM**

2. Intended use:

EN13707:2009	Reinforced flexible bitumen sheets for roof waterproofing
EN13969:2007	Bitumen damp proof sheets including bitumen basement tanking sheets

3. Manufacturer: **INDEX S.p.A. Via G.Rossini, 22 37060 Castel d'Azzano (Verona) Italia**

4. Authorised represent **NA**

5. System or systems of assesment and verification of constancy of performance of the construction product as set out in annex V:

EN13707:2009	AVCP 2+
EN13969:2007	AVCP 2+

6. Identification number of the notified body and related harmonised standard:

Concerning AVCP system 2+, the following notified body performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control:

BUREAU VERITAS (n° 1370 - FPC n° 1370-CPR-0040)

7. Declared performances:

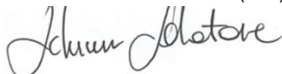
Standard:	Test	Standard	Performance
EN13707:2009	External Fire Performance	UNI EN 13501-5	Froof
	Reaction To Fire	UNI EN 13501-1	E
	Watertightness	UNI EN 1928 (B)	60 kPa >=
	Tensile properties	UNI EN 12311-1	L/T 700/500 N/5cm - 20 %/- 20% 40/45 % - 15 % (v.a.)
	Resistance to root penetration	UNI EN 13948	Pass
	Resistance to static loading Meth A	UNI EN 12730 Met A	15 kg >=
	Resistance to impact	UNI EN 12691	1250 mm >=
	Resistance to tearing (nail shank)	UNI EN 12310-1	L/T 160/200 N - 30 %
	Peel resistance of joints	UNI EN 12316-1	NPD
	Shear resistance of joints	UNI EN 12317-1	L/T 600/400 N/5cm -20% or out
	Flexibility at low temperature after ageing	EN 1296 e EN 1109	NPD
	Flow resistance at elevated temperature after ageing	EN 1296 e EN 1110	NPD
	Artificial ageing by long term exposure to UV ray	EN 1297 e EN 1850-1	NPD
	Flexibility at low temperature	UNI EN 1109	-15 °C <=
Flow resistance at elevated temperature	UNI EN 1110	120 °C >=	
Adhesion of granules	UNI EN 12039	NPD	
Dangerous Substances	Sostanze pericolose	Nota A	
EN13969:2007	Reaction To Fire	UNI EN 13501-1	E
	Watertightness	UNI EN 1928 (B)	60 kPa >=
	Resistance to impact	UNI EN 12691	1250 mm >=
	Shear resistance of joints	UNI EN 12317-1	L/T 600/400 N/5cm -20% or out
	Flexibility at low temperature	UNI EN 1109	-15 °C <=
	Flow resistance at elevated temperature	UNI EN 1110	120 °C >=
	Tensile properties	UNI EN 12311-1	L/T 700/500 N/5cm - 20 %/- 20% 40/45 % - 15 % (v.a.)
	Resistance to static loading Meth A	UNI EN 12730 Met A	15 kg >=
	Resistance to static loading meth B	UNI EN 12730 Met B	NPD
	Resistance to tearing (nail shank)	UNI EN 12310-1	L/T 160/200 N - 30 %
	Water penetration after ageing	EN 1296 e EN 1928 (A)	NPD
Dangerous Substances	Sostanze pericolose	Nota A	

Nota A This Product does not contain asbestos or tar constituents. In the absence of a uniform test method throughout Europe, any verifications and declarations on release/content must be performed considering the national regulations of the place of use.

8. 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 and on behalf of the manufacturer by:

Dott. Salvatore Schirinzi (GM)



Castel d'Azzano 22/05/2020