

Test results of Incaline

Declaration of conformity (CE) marking

Essential characteristics	Minimal requirements (according to NEN 1504-2)	Performance/Test results INCALINE	Harmonised technical specification (in EU)
Abrasion resistance (taber)	Mass loss: less than 3000 mg	Mass loss: 101,1 mg	EN 5470-1:2017-04 EN 6272-1:2011-11
Impact resistance	Class III: ≥ 20 Nm No cracks and no spalling	Class III: No cracks and no spalling	EN 1062-6:2002-10 EN 7783-2019-02
Permeability to CO ₂	S_D > 50 m	S_D > 2500 m	
Permeability to water vapor	Class III: SD > 50 m	Class III: SD > 200 m	
Capillary absorption and permeability to water	w < 0,1 kg/(m² x h^{0,5})	0,001 kg/(m² x h^{0,5})	EN 1062-3:2008-04
Resistance to severe chemical attacks	Reduction of the shortening hardness by max. 50% Group 1: Class I Group 3: Class I Group 10: Class I	Group 1: Class I Group 3: Class I Group 10: Class I	EN 13529:2003-12
Pull-off strength	Mean value: 1,0 N/mm² Smallest value: 0,7 N/mm²	Mean value: 3,7 N/mm² Smallest value: 2,8 N/mm²	EN 1542:1999-07
Adhesion after thermal compatibility	No bubbles and no flaking Mean value: 1,0 N/mm² Smallest value: 0,7 N/mm²	No bubbles and no flaking Mean value: 3,8 N/mm² Smallest value: 2,1 N/mm²	EN 13687-1/-2:2002-05
Resistance to thermal shock	No bubbles and no flaking Mean value: 1,0 N/mm² Smallest value: 0,7 N/mm²	No bubbles and no flaking Mean value: 3,9 N/mm² Smallest value: 3,4 N/mm²	EN 13687-5:2002-05 with water