

Technical specification (Repair patch)

Properties	Unit	Repair patch	Test method
Total thickness (min)	mm	1.6	ASTM D1000
Hardness (min) / 23°C	shore D	55	ASTM 2240
Impact resistance (min)	J	17	EN 12068 Annex H
Ring and ball softening point of adhesive , min	°C	115	ASTM E 28
Peel strength to pipe surface and factory coating min 23 °C 80 °C	N/mm	4.9 0.4	EN 12068 Annex C
Peel strength @ 10 mm/min to pipe surface and to factory coating after 28 days hot water soak test at 80 °C , min	N/mm	4	ISO 21809-3 Annex I
Cathodic disbondment resistance (max) 23 °C	mm	5	EN 12068 Annex K
Lap shear strength to pipe surface and factory coating at 80 °C (min)	N/mm ²	0.1	EN 12068 Annex D
Specific electrical insulation resistance (min)	ohm. m ²	10 ¹³	EN 12068 Annex J
Ultimate elongation (min)	%	470	ASTM D 638
Heat aging , 21 days at 150 °C (min)	%	328	ASTM D 638
Heat shock , 4 hours at 225 °C	Visual	No cracking , flow or dripping	ASTM D 2671
Indentation resistance pressure -at 23 °C -at 80 °C - holiday detection or residual thickness	N/mm ² mm	10 10 Pass 0.6	EN 12068 Annex G
Abrasion resistance (max)	mg	42	ASTM D 1044