
Characteristics continued	Maximum movement	25%
	Shore A hardness (ISO 868), approx. (6 mm film)	20
	Elastic recovery (EN 27389), approx. <i>* at a temperature of 23°C and relative humidity of 50%</i>	90%
Mechanical properties on 2mmthick film(NF T 46002)		
	Modulus at 100% elongation, MPa, approx.	0.3
	Tensile strength, MPa, approx.	1.1
	Elongation at break, %, approx.	600
Mechanical properties on specimens according to EN 28339		
	Modulus at 100% elongation, MPa, approx.	0.34
	Tensile strength, MPa, approx.	0.38
	Elongation at break, %, approx.	210

**Standards
and FIRE test
certifications**

FR55 Sealant meets requirements of the standards:
ISO 11600 F & G - 25 LM and BS 5889 Type A

Other Expansion joint and resistance certification:

FR55 Sealant has obtained the following certifications :

SNJF - category 1 elastomer - surfaces : polished aluminium and mortar (primerless)

SNJF - Elastic seal - surfaces : glass and polished aluminium (primerless)

Tested in accordance with the standard BS 476 : Part 20, fire stop classifications were achieved with 30mm wide seals and polyethylene foam seal backing (certificate WARRES N° 80136) :

- Linear gap sealant in wall and floor joints up to 30mm wide using standard PE backing rod : **4 hours** - tested in accordance to the performance requirements of **BS 476 : Part 20 (1987)**

Class 1 - BS 476:Part 6 (1989) and Part 7 (1987) - (WARRES N° L12463 and WARRES N° L12464)

Decontamination tests according to DIN 25415 : Part 1 - Report N° 202 (27.05.93)

BS 6853 : (1987) Appendix B - Clause B.5.1 - AO (max) = 0.06 - (WARRES N° L12547)

DIN 18545 E

Flammability index : M2 (France) - B1 (Germany)

Smoke index : FO (France)

PMUC N°24010

Decontamination : NF-T 30901, PV 950502 (Pointer)

DIN 25415 Part 1

Firestop up to 6 hours (according to configuration) - test report CSTB N° 9234592 (France)

**Directions
for use**

Joint preparation: Surfaces to be sealed must be clean, dry and free from dust, oil, grease, old sealant and any traces of contaminant which may affect adhesion. Surfaces should be degreased with solvent using a clean cloth and the two cloth method.

Sealant application: Apply at temperatures between +5°C and +40°C. A sample test on chosen substrate is recommended prior to application. Check gap widths conform to specification. A joint width:depth ratio of 2:1 is recommended. Insert a backing material to control depth of sealant to the recommended width ratio. Tool within 10 minutes of application.

Limitations of use	<p>FR55 Sealant must NOT be used in contact with materials likely to exude certain components over time.</p> <p>FR55 Sealant must NOT be used for structural glazing applications.</p> <p>FR55 Sealant must NOT be used for food contact applications.</p>
Colours	White, Grey and Black
Packaging	FR55 Sealant is available in 310ml and 380ml cartridges
Storage and shelf life	FR55 Sealant has a shelf life of 18 months, guaranteed by Rhodia Silicones, from its date of manufacture (the expiry date is shown on the packaging) when stored at a temperature between -20°C and +30°C in its original, unopened packaging.
Safety	Consult the Safety Data Sheet for FR55 Sealant
Warning to users	<p>The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. RHODIA SILICONES GUARANTEE THAT THEIR PRODUCTS COMPLY WITH THEIR SALES SPECIFICATIONS.</p> <p>This information must on no account be used as a substitute for necessary prior tests, which alone can ensure that a product is suitable for a given use.</p> <p>Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations.</p> <p>Users are requested to check that they are in possession of the latest version of this document and RHODIA SILICONES are at their disposal to supply any additional information.</p>



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