

RESICHEM 575 EXPANSION JOINT FILLER

Resichem 575 Expansion Joint Filler is a pitch modified two part polyurethane sealant for filling / sealing expansion joints.

Typical applications

Suitable for concrete paved areas, airfield runways, major carriageways, docks, container depots, industrial factories and warehousing. It is capable of accommodating movement and severe climatic conditions, as well as possessing resistance to jet fuels, jet blast, oils, and a wide range of chemicals

Characteristics

Appearance

Base component:

Black/grey
liquid

Activator component:

Amber liquid

Mixing Ratio

By weight: 4.5:1

By volume: 3.5:1

Density

Base: 1.35

Activator: 1.05

Mixed: 1.28

Solids content

100%

Coverage

Depth of Joint mm	Width of joint - mm				
	10	15	20	25	30
10	10	6.7	5	4	3.33
15		4.45	3.33	2.67	2.23
20			2.5	2	2.67
25			1.6	1.33	

Length of joint filled in metres per litre of mixed material

Cure Times

The applied material should be allowed to harden for the times indicated below before being subjected to the conditions indicated:

Usable life

10°C 90 minutes

20°C 45 minutes

30°C 22 minutes

40°C 11 minutes

Touch Dry

10°C 8 hours

20°C 4 hours

30°C 2 hours

40°C 1 hour

Full Cure

10°C 2 days

20°C 1 day

30°C 12 hours

40°C 6 hours

Storage life

1 year if unopened and stored in normal dry conditions (15-30°C)

Mechanical Properties

Movement accommodation

25%

Resilience

Tested to BS 5212

95%

Adhesion

Tested to BS 5212

100% at 20°C

Hardness

Tested to ASTM D2240

Shore A 25

Chemical Resistance

The product resists attack by a wide variety of low concentration industrial chemicals:

Typical Chemicals	Maximum Temperature
Aviation Fuel	50°C
Crude Oil	40°C
Diesel	40°C

For more detailed information refer to the Resimac Technical Centre for advice.

Quality

All Resimac Products are supplied under the scope of the company's fully documented quality system.

Warranty

Resimac warrants that the performance of the product supplied will conform to the typical descriptions quoted within this specification provided material is stored correctly and used according to the procedures detailed in the Technical Data Sheet for the material.

Health and safety

Please ensure good practice is observed at all times during the mixing and application of this product. Protective gloves and other recommended personal protective equipment must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read and fully understood the detailed Material Safety Data Sheet

Legal Notice: The data contained within this Product Specification is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Resimac accepts no liability arising out of the use of this information or the product described herein.