



Technical Data Sheet



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Pattex Roof & Seal



CHARACTERISTICS

Pattex Roof & Seal is a water based, one component ready-to-use silicone sealer for outdoor weatherproofing of houses - gutters, roofs, fences, sheds etc.

- Applied by brush, roller, spatula or trowel in a thin coat(s) on the surface and cures to form a film with outstanding strength and elasticity which neither peels nor cracks
- Cures to form a flexible, watertight seal for all interior and exterior repairs
- Temperature (-50°C to +150°C) and UV resistant
- Permanently flexible
- Bonds to most common building and roofing materials such as: metal, wood (treated or untreated) bitumen coating, tile, concrete without heating or bonding
- Low odour
- Water clean up (uncured)

APPLICATION FIELD

Pattex Roof & Seal can be used to weatherproof:

- Cracked and broken building materials
- Felt roofs
- Corrugated or plate roofing materials: zinc, steel, and fibre-cement
- Chimney stacks
- Façade panels against run-off water infiltration
- Guttering, down-pipes, ventilation ducts
- Wooden fences, garden sheds



TECHNICAL DATA

Composition	Water based dispersion
Colour	Black
Density	approx. 1,30 g/cm ³
Solids content	approx. 79%
Tack free time (23°C and 50% RH)	approx. 2 hours
Elongation at break (According to NF T 46002) at 20°C and at 23°C	approx. 350%
Application temperature	+5°C up to +40°C
Operating temperature	-50°C to +150°C
Consumption	Approximately 3 litres per square metre (per 3mm thick coating) Coverage can vary per coat according to surface porosity and roughness and according to the nature of the parts to be treated.
Shelf Life	18 months From date of production, stored in unopened container, in dry conditions and protected from direct sunlight, at temperatures between +2°C and 30°C.

INSTRUCTIONS FOR USE

Surface preparation

All loose materials must be removed by brushing, scraping or with high-pressure water. Treat any mould and mildew with a suitable mould remover.

Surfaces must be clean, dry, free from dust, grease and any substance that may affect adhesion.

For ferrous materials, it is advisable to initially apply an anti-rust paint. New concrete and mortars must be at least 28 days old.

Product application

Mix the product well before applying. Apply using a brush, roller, spatula or trowel. Excess uncured product and tools should be cleaned with water.

Drying and curing

The product will be tack free 2 hours after its application (at a temperature of 23°C and a relative humidity of 50%). Apply second application if necessary.

Three hours after application Pattex Roof & Seal is capable of resisting heavy rain without any consequences. However, if it rains hard shortly after application, the product may be washed away in the run-off and repeat application necessary.

Coverage

Approximately 3 litres per square metre (per 3mm thick coating). Coverage can vary per coat according to surface porosity and roughness and according to the nature of the parts to be treated



LIMITATIONS

Pattex Roof & Seal should not be applied at temperatures below 5°C and above 40°C. Do not use when:

- Rain or snow are imminent
- Temperatures of less than 0°C are expected in the 24 hours following application

Drying time will be extended in cold or humid/ damp conditions

Pattex Roof & Seal is not recommended for use on materials where migration of components can take place (e.g. bitumen).

Pattex Roof & Seal must not be used to seal roofs with a slope of less than 5%.

Pattex Roof & Seal in conditions of permanent damp or immersion, e.g. ponds, hot tubs or swimming pools.

Packaging

300ml and 750ml plastic bucket

Colours

Black

HEALTH AND SAFETY

Before using the product please see related Material Safety Data Sheet that is available on request.

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. f.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

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