

CRACKSEAL

Description

CrackSeal Sealant is a moisture-curing pipe sealant which seals cracks and splits in cast iron waste, drain and soil pipes. It can also be used on other pipe materials where pressure is off, including steel, concrete and anodized aluminium.

Where a crack or longitudinal split has appeared in a pipe, CrackSeal is extruded directly in until the damage is completely filled. It will harden almost instantly to seal the leak, forming a skin in approximately 10 minutes depending on ambient temperature. CrackSeal adheres to wet surfaces and is black-coloured, making it appear uniform with cast iron pipework.

CrackSeal is easy to use and applied using a standard sealant applicator gun. The pipework being repaired should be cleaned, free from oil and grease, and as dry as possible. The user pierces the metal seal on the tip of the CrackSeal cartridge and screws on the nozzle. The nozzle is cut to the desired size at a 45° angle.

The cartridge is then inserted into the applicator gun and the metal seal at the base pushed out. One 310ml CrackSeal cartridge will approximately fill one metre of cracked pipework based on the crack being 1cm wide. Once the crack or split has been filled with sealant, CrackSeal can be smoothed with a spatula or similar tool dipped in water containing a little detergent.

Any excess should be cleaned up immediately with white spirit. Hardened CrackSeal can only be removed mechanically or with specialist sealant remover.

CrackSeal contains no diisocyanates, is silicone free, low odour and can be painted over. Any unused sealant will retain its properties inside the cartridge for 12 months if stored between 5 and 25°C.

Technical Data

Minimum shelf life (months @ 25°C,).....	12
Shore A hardness.....	40
Lap shear resistance (MPa).....	1.2
Specific gravity.....	1.06
Shrinkage (%).....	6 approx
Elongation at break (%).....	>300
Modulus at break (MPa).....	0.7
Curing speed (@ 23°C,).....	4mm per 24 hours
Skin formation (minutes).....	10 approx
Coverage per 310ml cartridge.....	1000mm (based on 10mm wide crack)
Temperature range (°C).....	-40 to 90
Intermittent (°C).....	150



Storage

CrackSeal should be stored in well ventilated, cool, dry conditions between 5 and 25°C. Under such conditions, it will retain its properties for 12 months

Presentation

CrackSeal is supplied in a 310ml cartridge weighing 0.52kg. It comes with a nozzle. A standard sealant applicator gun is needed to apply.

Health & Safety Use

Wear rubber or plastic coated gloves when handling CrackSeal. Ensure good ventilation of the work area. Do not eat, drink or smoke when using this product. Always wash hands after handling.

Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the customer's responsibility to satisfy themselves that each product is fit for the purpose for which they intend to use it, that the actual conditions of use are suitable and that in the light of our continual research and development programme the information relating to each product has not been superseded.