

Crackshot® - 130 EC

Hydrophobic Polyurethane Injection Grout

PRODUCT

DESCRIPTION

Crackshot-130 EC is a single-component hydrophobic, MDI-based polyurethane injection resin. On contact with water, the Crackshot-130 EC will react and expand to form a semi-flexible, closed-cell polyurethane foam. The Crackshot-130 EC can be used with a Crackshot catalyst to accelerate the cure.

INTENDED

USES

- Sealing against water ingress
- Sealing against leaking cracks and joints
- Sealing against water in masonry and brickwork
- Filling small voids
- Back Grouting

FEATURES

- Phthalate free
- Variable reaction times
- Semi-flexible
- Back Grouting

PRODUCT DATA

Catalyst % of Crackshot 130 EC by weight	5°C		15°C		25°C	
	Cream time	Free Rise Time	Cream time	Free Rise Time	Cream time	Free Rise Time
2	57 sec	338 sec	51 sec	306 sec	35 sec	242 sec
6	30 sec	205 sec	23 sec	174 sec	18 sec	160 sec
10	23 sec	153 sec	18 sec	121 sec	16 sec	101 sec

Catalyst % of Crackshot 130 EC by weight	5°C	15°C	25°C
	Expansion Rate	Expansion Rate	Expansion Rate
2	8 x	9 x	10 x
6	12 x	15 x	17 x
10	28 x	29 x	30 x

A & B LIQUID

PROPERTIES

Property	Crackshot-130EC	Crackshot Catalyst
Appearance	Dark Coloured	Clear
Viscosity	166 cPs	100 cPs
Density	1.17	1.00

LIMITATIONS

- If used externally, it must be protected from direct weather exposure with a spray-applied membrane.

Crackshot®- 130 EC

APPLICATION

Equipment

Single-component pump that is equipped for high pressure. The resin will react with water in the structure and foam.

Twin piston pump water / resin ratio can be varied to form different densities of foam.

Thinning

Crackshot-130 EC should never be thinned.

Clean-Up

Reactor Flush may be used for general clean-up of equipment and flushing hoses. For soaking contaminated metal parts, use SWELL. The use of plastic soak containers with clip-on lids and removable baskets makes the job easier. Replace the SWELL regularly as soon as it starts turning cloudy and dirty.

NOTE: NEVER USE SWELL TO CLEAN PAINTED SURFACES, AS IT WILL STRIP THE PAINT. NEVER USE SWELL TO FLUSH PUMPS AND HOSES.

COMPATIBILITY

Injection Grout

Crackshot-150
Crackshot-150 EC
Crackshot-130

STORAGE & HANDLING

Store in dry, shaded conditions away from sources of heat and in the original, properly sealed containers. Protect from heat and frost. Protect the contents from moisture.

A shelf life of 12 months minimum is typical for unopened containers if stored at ambient conditions at 25°C. If either component is opened and partially used, it should be purged with nitrogen or desiccated air and resealed.

PACK SIZE

190L Kits
200Kg of Crackshot-130 EC in a 200L Container
20Kg of Crackshot Catalyst in a 20L Container

19L Kits
20Kg of Crackshot-130 EC in a 20L Container
2Kg of Crackshot Catalyst in a 2L Container

HEALTH & SAFETY

Crackshot-130 EC is for professional use only.

Water contamination can cause dangerous pressure build up in isocyanate drums. Caution must be taken when opening containers to slowly release the pressure.

This product contains isocyanates and may require the use of air feed hoods.

This product should not be used without consulting the Safety Data Sheets first.

Please observe all health and safety as well as environmental legislation that applies in your state.

DISCLAIMER

The information contained herein is offered without charge and is for use by technically qualified personnel at their own risk. All statements, technical information, and recommendations contained herein are based on tests and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and no warranty of any kind is made with respect thereto.