

Technical Data Sheet

Roxtec Knock-Out Sleeve (KOS)

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Product description

The Roxtec knock-out sleeve (KOS) keeps your building dry during and after construction, and provides spare capacity for future needs. The sleeve is easily fixed and cast into structures of varying thickness and ensures a tight seal until its plate is knocked out for cable and pipe routing and sealing. The sleeves have an integrated feature which allows them to be connected into space efficient clusters.



Application instructions

The Roxtec knock-out sleeve is designed to fit between shutters of 100 or 150 mm distance by default. The sealing side of the sleeve is attached to the shutters with suitable fasteners, such as screws, glue or magnets. This creates a pressing force towards the shutter, making the inside of the sleeve sealed from concrete. It is also possible to cut or extend the sleeve to make it fit any wall depth by using standard pipes for cable protection. Apply the second shutter to seal the wall before pouring concrete. Make sure to use a water tight concrete and well balanced w/c ratio for the aggregate size chosen.

Environment, health and safety

The product is not classified as hazardous according to the European CLP Regulation or the globally harmonized system of classification and labelling of chemicals.

Product data

Type	ABS copolymer, ISO 2580-1, recycled material.
Physical shape	Solid
Color	Black
UV resistance	Good
Density	1.03 g/cm ³
Asbestos free	Yes
Reach and RoHs compliant	Yes
Solvent free	Yes
Electric strength	37 kV/mm, IEC 60243-1
Volume resistivity	1E13 Ohm·m, IEC 60093
Flammability	UL 94, HB
Notched impact strength	14 KJ/mm ² , ISO 179-1eA
Storage	To be stored dry and dark in its original container at room temperature. Storage time 10 years.

Disclaimer

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