QUICSEAL 406

POLYCEL-TYPE K

Rot-proof, Non-absorbent, Closed Cell Polyethylene Joint and Backing Filler

Rot proof and non-absorbent

Non-tainting

Lightweight

Bitumen free

Compressible – accepts movement with low load transfer

Recovery – Greater than 97% after 50% Compression

MANAGEMENT SYSTEM CERTIFICATION
DNV
ISO 9001 • ISO 14001

ARDEX-QUICSEAL SINGAPORE PTE. LTD.
26 Tuas Ave 4 Singapore 639376
Telephone: +65 6861 7700
Fax: +65 6741 4666
Email: sales@ardex-quicseal.com
Website: www.ardex-quicseal.com

QUICSEAL 406

POLYCEL-TYPE K

Rot-proof, Non-absorbent, Closed Cell Polyethylene Joint and Backing Filler

DESCRIPTION

QUICSEAL 406 is a rot-proof, non-absorbent polyethylene joint filler for forming expansion joints in concrete, brickwork and blockwork.

USES

- QUICSEAL 406 is ideal for forming expansion joints in:
- Pedestrian areas, elevated structures, factory flooring, etc
- Brickwork
- Basement structures and subways
- Reservoirs,
- Concrete structure in marine environment

TECHNICAL DATA

Colour	Black and White
Density (ASTM D1752:84(92))	0.032 gm/cm^3
Recovery after 50% compression (ASTM D1752:84(92)	> 97 %
Water Absorption	0.25 g/cm^3
Weathering Test	No disintegration
Effects of Fire	Being a thermoplastic material, QUICSEAL 406 will melt. It is combustible but rate of flame spread will be reduced when confined within a joint

APPLICATION INSTRUCTIONS

Joint Sealing Slots

When forming expansion joints with QUICSEAL 406 in in-situ concrete, joint-sealing slots can be readily formed in the following manner.

Before installing, simply cut off a strip of the required depth. Pin the strip back on using two-inch nails at intervals and install the filler flush with the finished surface.

Prior to sealing the top strip can then be pulled easily from the joint to provide an uncontaminated sealing slot ready for preparation and sealing.

As elastomeric sealants will not bond to QUICSEAL 406 therefore the additional need for bond-breaker strips is eliminated.

Suspended Slabs

When installing QUICSEAL 406 in expansion joints between suspended slabs, Cut QUICSEAL 406 to required size and spot bond QUICSEAL 406 to the substrate using QUICSEAL 646 HYDRO-ADHESIVE. Apply 1 coat of QUICSEAL 406 Adhesive on the joint face and the substrate. Allow 20 – 30 minutes to dry before aligning the joint filler and applying pressure to ensure good adhesion.

PACKAGING

Sheet Size : 1m x 2m

Thickness : 8mm, 10mm, 12mm, 15mm, 20mm and 25m

STORAGE

There is no specific instructions regarding storage of QUICSEAL 406; it is recommended that the product is stored in a clean area. Avoid prolonged exposure to the sun or heat source which may cause damage to the product.

HEALTH & SAFETY

There are no health hazards associated with QUICSEAL 406 in normal use.

IMPORTANT NOTES

The information set forth herein is furnished in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for used by persons having technical skill and at their own discretion and risk. Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of QUICSEAL products as of the date of publication of this document. QUICSEAL makes no other warranties and assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact ARDEX-QUICSEAL

Offices:

Malaysia:
ARDEX QUICSEAL MALAYSIA SDN. BHD.
72-2, Jalan Puteri 2/2 Bandar Puteri 47100,
Puchong, Selangor Darul Ehsan
Malaysia
Phone: +603 8051 0311
Email: sales.malaysia@ardex-quicseal.com

QUICSEAL 406

POLYCEL-TYPE K

Rot-proof, Non-absorbent, Closed Cell Polyethylene Joint and Backing Filler

Thailand:
ARDEX (THAILAND) CO., LTD
969 2nd Floor, Moo 13, Soi 45, Bangna-Trad Road
Bangkaew, Bangplee, Samutprakarn 10540 Thailand
Telephone: +66 2316 3069 Fax:+66 2316 3075
Email: sales@ardex.co.th
Website: www.ardex.co.th

Vietnam:
Mobile: +84 901 351 308
Email: sales@ardex-quicseal.com

Reference No.: QS 406/100521 T