QUICSEAL 702

Hydrostop BR

No adhesive or cutting required for overlapping

Excellent for application to rough concrete surfaces

No premature expansion; allows concrete to gain strength before expansion

Easy to install by bonding, nailing or casting into joint faces with the aid of suitable adhesive or QUICSEAL 646 "Hydro-adhesive"

Solves detailing problems in construction

Excellent performance - Swelling properties unaffected by long term cyclic wetting and drying; limited loss of integrity of waterstop

Sustains effective seal in wet conditions

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QUICSEAL 702

Hydrostop BR

DESCRIPTION

QUICSEAL 702 is a hydrophilic butyl rubber swellable waterstop which has the combined properties of a rubber-based sealant and butyl sealant. It swells in a controlled manner when exposed to moisture and forms a self-healing joint material around the substrate. However, the material does not expand prematuredly and does not absorb water from the fresh concrete poured against it and helps to minimise any pre-expansion when the joint comes in contact with water.
Unlike many other clay-based products, QUICSEAL 702 will not expand to a point that the hydration process leads to the possible disintegration of the waterstop. It is ideal for use in both horizontal and vertical construction joints.

TYPICAL USES

- Preventing the passage of water through non-movement joints in new cast in-situ concrete and between new and existing concrete.
- Example: joints in potable water tanks, secan piled walls and diaphragm walled basements, pilecaps, etc.
- Civil Engineering works; tunnels, box culverts, sanitary and stormwater manholes, etc.
- Above and below grade precast panels
- Integral sealing for joints in cast in-situ concrete where conventional waterstops are impractical to use due to limited access.
- Wrapping around pipe penetrations.

TECHNICAL DATA

Colour	Black
Specific gravity (ASTM D-71)	1.40 / 1.45
Hydrocarbon content (%) (ASTM D-297)	47 min
Solid content (%)	99 ± 1
Shore A hardness (ASTM D-2240)	15 ± 5
Application temperature (°C)	-22 to +52
Service temperature range (°C)	-34 to +82
Water swelling rate 7 days 14 days 28 days 56 days	 106% 118% 120% 129%

APPLICATION INSTRUCTIONS

QUICSEAL 702 may be installed by bonding, nailing or casting into joint faces with the aid of suitable adhesive or QUICSEAL 646 "Hydro-adhesive".
QUICSEAL 702 must be installed with a minimum of 50mm clear cover to the face of the concrete.

HEALTH & SAFETY

There is no health hazards associated with QUICSEAL 702 in normal use.

LIMITATIONS

QUICSEAL 702 is not for use where excessive shrinkage of the concrete may occur at the joint faces. The expansion rate may vary in salt and contaminated water.

PACKAGING

QUICSEAL 702 is supplied in lengths of

- 25mm x 19mm x 5m per roll
- 20mm x 15mm x 7.5m per roll

STORAGE

Store in original unopened packaging in cool and dry condition.

IMPORTANT NOTES

The information set forth herein is furnished free of charge 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, please contact ARDEX-QUICSEAL

QUICSEAL 702

Hydrostop BR

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