

ALTROEXPAND / ALTROEXPAND W

CHEMICAL RESISTANT JOINTING SEALANT

Ref No: ATD020

Date: February 2001

PRODUCT DESCRIPTION

Altro-expand is a two part polyurethane/epoxy flexible jointing compound. Specifically designed for industrial flooring, Altroexpand accommodates normal thermal and vibrational movements whilst providing sufficient strength to protect joint arising from damage and erosion. Available as either a pourable or thixotropic W grade.

TYPICAL AREAS OF USE

- Movement joints in new and old industrial floors
- Factories
- Warehouses
- Workshops
- Hangers ETC

ADVANTAGES

- Easy to apply
- Low odour
- Excellent Adhesion
- Chemically Resistant
- Enhances hygiene and safety requirements

SUITABLE SUBSTRATES INCLUDE

Concrete - Granolithic - Stone - Terrazzo - Brick- Timber/MDF – Metal

SUBSTRATE REQUIREMENTS

Surfaces should be dry, structurally sound and free from any contamination that may affect the adhesion. All residues of old paint coatings, installation laitence and dust must be removed. Ensure that floors and walls have an effective DPM installed and that residual moisture does not exceed 5% by weight (75% R.H).

STANDARD COLOURS

Wedgwood, Cloud, Terra, Gunmetal, Maize, Spruce, Oatmeal, Dawn, Mink, Ruby, Stone, Flint, Ink Blue, Wine Red, Autumn Yellow, Winter Grey, Safety Red, Safety Yellow, White, Black.

PREPARATION

Detailed instruction sheet ref no. ATD 029 is available on request covering all aspects of surface preparation and product application procedures.

INSTALLATION CONDITIONS

Apply in well-ventilated areas and maintain application and subsequent cure temperatures between +13⁰ C - +25⁰ C. (Min slab temperature +5⁰ C).

FLOOR/WALL JOINTS/DETAILING

Refer to instruction sheet.

COVERAGE

Example: 10mm wide x 15mm Deep

23.43 Lineal metres per 5kg

4.69 Lineal metres per 1kg

Material usage is dependent upon temperature, surface profile and porosity, stated coverage rates should be referred to for guidance only and cannot be relied upon to determine exact quantities.

PROPERTIES

Application Temperature Range:	+13 ⁰ - +25 ⁰ C
Pot – Life @ 20 ⁰ C	70 - 90 mins
@ 10 ⁰ C	45 – 60 mins
@ 5 ⁰ C	1 – 2 hrs
Intercoat Period	10 – 48 hrs
Full Cure	7 days
Coverage	5.4m ² /kg
Bond Strength (lap sheer, Steel / Steel)	14 17N/mm ²

PACKAGING

Available in 5kg and 1kg, 2 part composite packs
W grade in 2.5kg packs.

Associated Data Sheets and Further Information:

- Surface Preparation
- Application Methods
- Chemical Resistance Chart
- Floor Maintenance - Resin Based Products
- Storage and Handling - Resin Based Products
- Material Safety data sheet - Altroexpand

DATA SHEETS CANNOT COVER EVERY SITUATION. IF IN DOUBT. ASK.

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ALTRO RESIN SYSTEMS™