

PRODUCT DESCRIPTION:

DUREX DUR-A-SEAL E30 is a two-component epoxy penetrating sealer.

USES:

DUREX DUR-A-SEAL E30 is used for protection of new or existing concrete from chloride ion penetration, water absorption, freeze thaw damage, petroleum products and other contaminants. It will strengthen the top surface of the concrete and prevent dusting by penetrating deep into the surface. It also allows the concrete to breathe with its excellent moisture vapour transmission, but still seals out liquid water.

CURE SCHEDULE:

Pot life 200 g @ 25°C 6 hrs.
Tack-free time @ 10/25°C 24/8 hrs.

DUREX DUR-A-SEAL E30 requires to cure for a minimum of 12 hours at 25°C before it is opened to traffic. Cure time is considerably longer at colder temperatures.

COVERAGE RATES:

Apply **DUREX DUR-A-SEAL E30** evenly over area according to coverage requirements. Typical rate of application over a normal concrete surface is one coat at 3.7 m²/litre (150 ft²/gal.).

ACTUAL COVERAGE WILL VARY DEPENDING ON THE POROSITY OF THE SUBSTRATE. A TEST SAMPLE SHOULD BE APPLIED TO ESTABLISH PRACTICAL COVERAGE ON THE ACTUAL SUBSTRATE

SURFACE PREPARATION:

All substrates must be properly cleaned before the application of any sealer. A substrate clogged with dirt or oil is not suitable for sealer application. Shot blast or sand blast are generally acceptable means of surface preparation.

MIXING & APPLICATION:

Mixing Ratios	Weight	Volume
'A'	53	50
'B'	47	50

TECHNICAL DATA

Physical Properties (unmixed) @ 25°C:

Component 'A' (resin)

Specific Gravity: 0.975
Viscosity (cps): 80.000
Colour: Light amber

Component 'B' (hardener)

Specific Gravity: 0.866
Viscosity (cps): 20.000
Colour: Light amber

Physical Properties (mixed) @ 25°C:

Specific Gravity: 0.92
Viscosity (cps): 50
Colour: Light amber
Solids by weight: 30%
Coverage: 3.7 m²/litre (150 ft²/gal.)

Performance Characteristics

Please refer to Dur-A-Seal A28 data sheet.

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MOISTURE PROTECTION
EPOXY WATER REPELLENT

DUREX DUR-A-SEAL E30 is supplied as a two-package system. Open component 'A' and agitate resin until evenly blended. One component 'B' and agitate resin until evenly blended. Mix entire contents of 'A' and 'B' containers in a separate larger (minimum 50 litre) container or mix equal volumes of 'A' or 'B' as required. Agitate with low speed power mixer (200-300 rpm) until one even colour develops. **DUREX DUR-A-SEAL E30** may be applied with roller, brush or sprayer.

DUREX DUR-A-SEAL E30 can be applied at temperatures down to 0°C (32°F).

DUREX DUR-A-SEAL E30 should only be applied to a surface-dry, frost-free substrate. A dry substrate is essential for proper penetration and sealing.

CLEAN UP:

All equipment must be cleaned immediately after use. Use **Durex 'Cleaning Solvent'** CAUTION: This solvent is flammable so there must be no open lights, flames, sparking motors or pilot lights in the vicinity. Smoking near the solvent is to be forbidden.

SAFETY AND TOXICITY:

DUREX DUR-A-SEAL E30 contains flammable solvents. Extra precautions should be taken in confined areas. Never allow open flame or sparks in area where the product is being used. Adequate ventilation must be provided during application. Two-component epoxy systems are capable of producing severe injury to, or destruction of, skin and eye tissues. They are classified as corrosive for shipping purposes. Precautions must be taken to prevent prolonged or repeated skin contact and it is essential to protect eyes from splashes.

Protective clothing, rubber gloves and chemical goggles should be worn when working with these products.

Some people become sensitized when working with epoxy resin systems. The sensitization may appear in the form of skin or respiratory reactions. Avoid breathing vapours, particularly if these products are used in a confined area. Face mask with #1224 is usually adequate.

STORAGE:

Store in heated area and on pallets. Do not allow product to freeze. Ventilate storage area to prevent build up of vapour. Shelf life in unopened containers is two years.

PACKAGING:

Packaged in 45 litre units (10 gal.). Each container is clearly marked with product name, component designation ('A' or 'B'), manufacturers name, batch number and ratio of component mixtures. Both containers 'A' and 'B' are colour coded the same.

WARRANTY:

Durabond Products Limited fully warrants their products when used and applied in strict accordance with the printed instructions on product mixing and product application. In any case **Durabond's** responsibility shall not exceed either the refund of the purchase price, or the replacement of the purchased product.

TECHNICAL SERVICES:

Technical assistance for unique applications and design is available upon request from **Durabond Products Limited**.

DURabond

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