

PRODUCT DESCRIPTION:

DUREX UNIPLAST is a cement based plaster mix available in fine, medium and coarse grades.

DUREX UNIPLAST incorporates a well balanced blend of selected aggregates and fillers, perfectly formulated to provide ideal physical properties and excellent workability features.

USES:

DUREX UNIPLAST is a versatile product which can be used in several of the **Durex Wall Systems** as both scratch and base coats; as an insulation cover coat; and as an insulation bond coat. It can also be used for concrete wall repair work and as a quality paring coat over masonry and concrete.

ADVANTAGES:

DUREX UNIPLAST has been formulated with numerous ideal features to facilitate and simplify its application.

- **RATED NON-COMBUSTIBLE**, thus meeting the National Building Code as a material to protect foamed plastic insulation for exterior applications

- bagged, ready to use by simply mixing with **Durex Acrylic Resin Bond** or **Durex Acrybond "S" Additive**
- excellent workability
- low shrinkage, thus resulting in minimum cracking
- excellent compressive and flexural strength
- versatility - one product suitable for many applications
- excellent adhesion to most common surfaces
- excellent freeze-thaw stability

LIMITATIONS:

- Ambient, surface and material temperatures must be above 5°C (41°F) during application and curing period
- Not to be used as a thermal fire barrier

MIXING PROCEDURE:

DO NOT SUBSTITUTE NOR COMPENSATE DUREX UNIPLAST WITH WATER OR OTHER ADDITIVES.

Discard all materials which have begun to harden.

TECHNICAL DATA

Performance Characteristics:

TEST	METHOD	RESULTS
Non-combustible:	CAN4-ULC-S114-M80	Rated non-combustible
Compressive strength:	ASTM C109-90	43.10 MPa (6250 psi)
Flexural strength:	ASTM C293-79	6.91 MPa (1002 psi)
Shear bond adhesion:	ASTM C882-87	11.20 MPa (1625 psi)
Absorption rate:	24 hr immersion	1.90% in water
Taber abrasion:	CGSB-75.1-M88	29.24 1a-Abrasion Wear Index
Tensile strength:	ASTM C190-85	6.00 MPa (870 psi)

Physical Properties:

Appearance:	Polymer modified plaster base and EIFS base coat.
Toxicity:	CAS Registry No. 65997-15-1 (contains Portland Cement).
Density:	1290 kg/m ²
Bulk pot life:	1 hr to 2 hrs (depending on ambient conditions and type of polymer used).

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PLASTER ACCESSORIES
CEMENT BASED PLASTER MIX

TECHNICAL DATA (cont'd.)

Physical Properties: (cont'd.)

Mixing ratio/coverage:	Masonry parge coat:	1 bag Uniplast Grey Medium 5 litres Durex Acrylic Resin Bond 4.65 m ² @ 3 mm (50 ft ² @ 1/8")
	Cement plaster base:	1 bag Durex Uniplast Grey Coarse; 4.5 litres Acrylic Resin Bond 2.32 m ² @ 6 mm (25 ft ² @ 1/4")
Substrate requirements:	Masonry parge coat:	Clean, unpainted, solid masonry or concrete.
	Metal lath plaster:	Mechanically fastened galvanized metal lath.

Mix **DUREX UNIPLAST** with either **Durex Acrylic Resin Bond** or **Durex Acrybond "S"** additive in accordance with the following formula:

DUREX Uniplast	1 bag
Durex Acrylic Resin Bond or Durex Acrybond S	4 to 5 litres

Pour the acrylic polymer cement additive into an empty clean mixing container. While under slow mixing action add the **DUREX UNIPLAST** in the required mixing proportions. Mix well until the mixture is free of lumps. Do not overmix or use excessive mixing speed.

Let mixed material stand for a few minutes to begin initial stiffening. Mix only enough materials which can be used within 45 minutes. Retemper and use. Discard all materials which have begun to stiffen for a second time.

APPLICATION:

Refer to the selected **Durex Wall System** for the application of the **DUREX UNIPLAST**.

CLEAN-UP:

Clean all tools promptly after each use with clean water. Do not allow mixes to dry on tools.

STORAGE:

Store **DUREX UNIPLAST** in a dry, vented, waterproof location, stacked off the ground with

ambient temperatures above 5°C (41°F). Keep materials dry, protected from rapid temperature changes, dampness and moisture and away from direct sunlight. KEEP FROM FREEZING.

PACKAGING:

DUREX UNIPLAST is available in three grades, Fine, Medium and Coarse and in three colours White, Light-grey and Grey, packaged in 22.7 kg (50 lb) bags.

COVERAGE:

Each bag will provide approximately 4.65 m² (50 ft²) coverage at 3.2 mm (1/8") thickness.

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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