

PRODUCT DESCRIPTION:

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

USES:

DUREX UNIPLAST FINE is a versatile product which is used as the base coat in the following **Durex Wall Systems: Durex Insulite EW-17, Durex Insulite EW-17 Select, Durex Quantum, Durex Insulite EXt, Durex Insulite EXT Select and Durex Lite Coat.** It can also be used as a parging over concrete and masonry walls.

ADVANTAGES:

DUREX UNIPLAST FINE 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 FINE** WITH WATER OR OTHER ADDITIVES.

Discard all materials which have begun to harden.

TECHNICAL DATA

Performance Characteristics:

TEST	METHOD	RESULTS
Non-combustible:	ULC S114	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:	Can/cgsb-75.1-M88	29.24 1a-Abrasion Wear Index
Tensile strength:	ASTM C190-85	6.00 MPa (870 psi)
Salt Spray Resistance:	ASTM B-117	pass (300 hrs)
Impermeability to Water:	CCMC 5.5.1	pass (no dampness after 19 hrs)
Bond Strength to EPS:	EIMA 101.03	2 hrs after Immersion 0.52 Mpa 7 days after Immersion 0.65 Mpa
Bond Strength to XPS:	EIMA 101.03	2 hrs after Immersion 0.52 Mpa 7 days after Immersion 1.20 Mpa

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PLASTER ACCESSORIES
CEMENT BASED PLASTER MIX

TECHNICAL DATA (cont'd.)

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

Mix **DUREX UNIPLAST FINE** with **Durex Acrylic Resin Bond** when using it as a parging on concrete or masonry walls and with **Durex Acrybond S** when using it as a base coat in **Durex EIFS Wall Systems** in accordance with the following formula:

Durex Uniplast Fine	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 FINE** 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 FINE**.

CLEAN-UP:

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

STORAGE:

Store **DUREX UNIPLAST FINE** 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 FINE 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 9.0 m² (100 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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