



## Construction Chemicals

### Fly 101

#### Multi-purpose patching and repair of Mortar

#### Product Description

Fly 101 requires only the addition of water on site. Rough powders dissolve easily in water before application. Give rough, hard, and able to paint surfaces. Ideal for use in patching and leveling fair-faced concrete

High-quality cement-based product modified with special polymers and micro-fibers, ready mixed one component for leveling internal and external surfaces before coating application.

#### Standers

Fly 101 applies to the following standards:

BS 5262:1991, BS 5492:1990, BS 4551 Part 2: 1998

ASTM C 150, ASTM C 926, ASTM C 897

#### Product characteristics

- ✓ Exact mixing ratio and homogeneity of the mixture
- ✓ Excellent workability
- ✓ Breathable allows the substrate to breathe without delamination
- ✓ Excellent water and weather resistance
- ✓ High bonding strength with smooth surfaces like fair-face concrete
- ✓ Shrinkage compensated
- ✓ Resurfacing defective or damaged areas

#### Application

- Just add the powder to water gradually, then mix with a hand drill (recommended) till it reaches a homogenous mixture.
- For normal application, add 4.25 – 4.5 liters of water per 25 Kg bag, depending on the desired consistency
- For best results, use as little water as you can and keep mixing for 5 minutes to ensure proper mixing
- Applied with the hand application technique
- The applicator should use the mixture for around 120 minutes
- To enhance adhesion to the surface, just use a Fly bond produced by Fly or SBR bond-based
- Use an approved curing method



## Construction Chemicals

### Surface Preparation

The surface must be cleaned, free of contamination, and free from oil, grease, and loosely adhering particles.

Saturate the surface with water before application, then allow the surface to dry.

### Technical data

Base	Portland cement, special additives, selected polymers, micro-fibers
Coverage	Approx. 1.3 KG/m <sup>2</sup>
Mixing ratio	20% water to powder weight
Available color	Gray
Pot life	35 Mints
Bond strength	> 2 N/mm <sup>2</sup> @ 28 days
Flexural strength	> 8.0 N/mm <sup>2</sup> @ 28 days
Compressive strength	> 15 N/mm <sup>2</sup> @ 28 days
Shrinkage (mm/m) @28 days standard conditions	1.93 mm/m
Recommended thickness	5 mm up to 30 mm

### Packaging

Taneem 101 is available in 25 Kg bags

### Storage

Shelf life is 12 months from the production date in a dry and covered storage