



# TECHNICAL DATA

## Ezipatch Superset

### *Economical Quick Set Patching Mortar*

#### Description

**Ezipatch Superset** is a specially formulated quick-set, cementitious patching and repair mortar.

**Ezipatch Superset** provides high early strength, making it ideal for pavement repairs and emergency repairs in industrial environments such as factory floors subject to heavy traffic. **Ezipatch Superset** exhibits high wet/ dry and freeze/ thaw cycle resistance for long term performance in patching.

#### Areas of Application

- Pavements
- Foot paths
- Factory floors
- Concrete ramps
- Fast concrete repairs

#### Features

- Economical
- Fast setting
- Non-shrinking
- High strength
- Non-toxic
- One part product

#### General Properties

Shelf Life	:	12 months unopened
Work Time	:	15 minutes @ 25 °C
Initial Set	:	90 minutes @ 25 °C
Application Thickness	:	5mm – 25mm maximum
Shrinkage	:	Negligible
Bond Strength	:	1 Day : 17 MPa 7 Days : 27 MPa
Compressive Strength	:	4 Hours : 20 MPa 1 Day: 38 MPa 7 Days : 40 MPa 28 Days:41 MPa

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The information contained in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided should be used as a guide only as the performance of the product will vary depending on differing operating conditions and application methods.

The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Conditions Of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids excludes all other warranties in relation to this product.

## Estimating Data

20kg Ezipatch Superset = 1m<sup>2</sup> at 12.5mm thick.

## Application Directions

### Surface Preparation

- Existing concrete surfaces must be thoroughly cleaned of oil and other deleterious substances.
- All unsound or damaged concrete should be removed until only sound, clean concrete is exposed. All loose material should be removed by wire brushing, washing, and/ or an oil-free jet.
- The existing concrete to be patched should then be thoroughly saturated with water.
- The water should then be removed prior to patching.

### Mixing

- Mix **Ezipatch Superset** in a plastic container with clean water only.
- Use a suitable mixing paddle (jiffy or alternative) with a low speed (400rpm) power mixer. Mix for 2 to 5 minutes.
- Add more water only, if required. **Do not exceed a maximum of 4.5 litres water per 20kg bag.**
- Do not mix the mortar for more than **5 minutes**, nor mix more material than can be placed within **15 minutes**.
- Do not retemper mix by adding water.
- 1kg of **Ezipatch Superset** requires 200ml of water.

### Application

- **Ezipatch Superset** can be applied with a trowel, spatula or poured into the area to be patched. After levelling, finish off the surface by brush or trowel to the desired finish. Do not place in layers. Do not featheredge.
- Cold Weather – When using at temperatures less than 10<sup>0</sup> C, **Ezipatch Superset** should be stored in as warm a place as possible. The patched area must be kept above 5<sup>0</sup> C until **Ezipatch Superset** has set.
- Application thickness : 5mm –25mm maximum.

### Curing

- As soon as the surface of the patch has hardened, flood with sufficient water to keep the surface wet for at least 2 hours.
- For maximum strength, the product should be wet cured with wet hessian or plastic polyethylene sheeting.
- Curing times are dependent on ambient and mixing water temperature. In extreme temperatures adjust water temperature to suit, i.e. hot conditions use cool water and likewise in cool conditions use warm water.
- Cure time : 90 minutes at 25<sup>0</sup> C.

### Cleaning

Clean tools and equipment immediately with water after use.

### Limitations

**Ezipatch Superset** is not suitable for areas where the product has to be extended by the addition of pea gravel. For these types of applications refer to **Epirez Highway Patch**.

### Storage and Shelf Life

**Ezipatch Superset** should be stored in a cool dry place. Do not expose bags to sun. Shelf life is 12 months in unopened bags.

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#### AUSTRALIA

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#### NEW ZEALAND

ITW Polymers & Fluids  
18-26 Amelia Earhart Avenue  
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Phone (09) 256 2122 Fax (09) 256 2124

## Packaging

Ezipatch Superset is packaged in 20kg bags.

## Ordering Information :

20kg bag #991617

## Safety Precautions

Ezipatch Superset is non-toxic, but alkaline in nature. Gloves should be worn. Splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice. Keep contents away from children.

**TDG Code :** Not Classified

## Note

The figures quoted for work time, tightening time, loading time and hardening time are not definitive. They are dependent on job site conditions and will vary accordingly. In all cases we endeavour to provide typical figures for use as a guide.

## Health & Safety Information

The product is hazardous. A Material Safety Data Sheet is available from the ITW Polymers & Fluids Technical Department upon request or available on our website [www.epirez.com.au](http://www.epirez.com.au).

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