

IDEAL WALL

Ideal Wall

REF: TPI-IW101

Ideal Wall is a fully engineered system for vertical stamping and texturing. Blended from high quality silica aggregates, cements and dry co-polymers, Ideal Wall is suitable for interior or exterior applications. Ideal Wall works in combination with other Ideal Work products to give natural textures.

FEATURES

- Simple-to-mix
- Easy-to-Apply
- 1cm – 3cm thicknesses
- Moisture permeable
- Coloured or Non-coloured

Product Description: Ideal Wall is an engineered blend of silica aggregates, dry co-polymers, cement and other key admixtures. Ideal Wall is a porous material which will allow the substructure to breathe and transmit moisture.

Colours: Ideal Wall is available in a light cream colour, it can be integrally coloured with Ideal Work Colour Pack-C. More commonly used are Ideal Wall Rainbow Stains to add colour once the materials have hardened.

Uses: Ideal Wall is used to emulate other materials used in the building industry. Bricks, Stone, Granite, Travertine and Wood to name but a few are easily replicated. Once applied you can texture with Ideal Work Texture Tools and then carve with Ideal Wall Carving Tools. When Ideal Wall has hardened it can be stained with Ideal Wall Rainbow Stains.

Packaging: Ideal Wall is packaged in 25kg moisture resistant bags.

Coverage: Ideal Wall average coverage rates are:

- 1 X 25kg bag @ 1cm = 2 m²
- 1 X 25kg bag @ 2cm = 1 m²
- 1 X 25kg bag @ 3cm = 0.5 m²

Physical and Chemical Properties

Compression resistance	7.39 N/mm ²
Flexion resistance	2.59 N/mm ²
Traction resistance (adhesion)	> 0.56 N/mm ²
Capillarity coefficient	0.110 Kg/m ² min ^{0.5}
Water absorption after immersion of 30 min.	N515
Water permeability	< - 1 ml/cm ²
Consistency on shaking table	167 mm (plastic)
Water retention when fresh	> 95%

Mixing: Ideal Wall requires 5 – 7lt of water per 25kg of powdered wall mix. Use a paddle drill, mortar mixer or cement mixer. Mix for approximately 3 - 5 minutes or until lump free.

Limitations: Ideal Wall is designed to work at a minimum thickness of 1cm (10mm) or 3cm (30mm) in one application.

Storage: Ideal Wall should be kept in a safe place and the seal should not be broken until use. Shelf life is approximately 1 year.

Caution: Keep out of the reach of children. Before using or handling, read the Material Safety Data Sheet (MSDS). Avoid contact with eyes and skin. When working with any airborne dust and powders, solvents or spirit based products all personnel should wear OSHA-NIOSH approved respirators, gloves and eye protection along with all other relevant PPE equipment.

Maintenance: Ideal Wall should be sealed with one of Ideal Work specially formulated sealers. The sealed surface should be periodically inspected for areas that need to have a re-application of sealer for continuous protection. If the project is cleaned on a regular basis, re-application of sealers can be several years apart.

Warranty: Ideal Wall is not intended for public use, it is intended for use by experienced and trained concrete contractors. When used to the manufacturers guidelines, you should expect a uniformed colour. Ideal Work has no control over the use of materials in the field. If there is a failure within our manufacturing tolerances, Ideal Work will only be responsible for the cost or the replacement of the materials proven to be defective. The end user shall be responsible for determining product suitable and assumes all risk and liability.

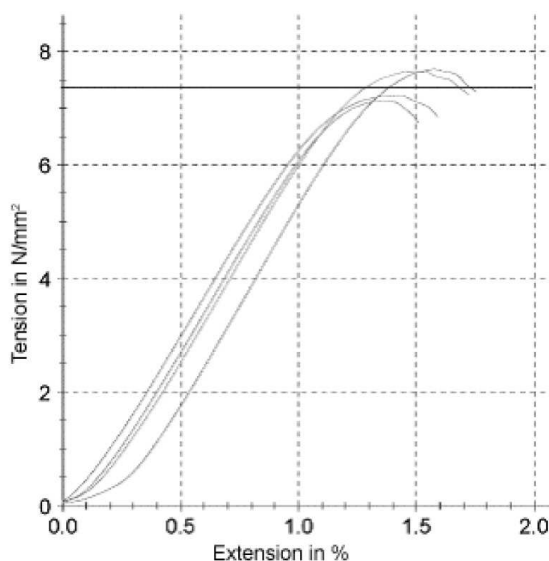


Fig. 1. Compression resistance.

IDEAL WORK S.r.l.

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innovative surfaces

TECHNICAL PRODUCT INFORMATION.

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Quality: Ideal Work is ISO 9001:2008 therefore quality is of the utmost importance. Ideal Work products are tested at independent laboratories. This enables us to maintain our high quality standards that customers have come to expect from Ideal Work.

Recommendations: Ideal Work would suggest that a representative job site sample should be made for approval before any work takes place. There are many variables that can have an effect on the final colour, weather, cements type, admixtures, and finishing techniques. Colour charts are a guideline and will be different from the appearance of the finished project.

More Technical Information: Ideal Wall is to be used to achieve a stamped or textured finishes in conjunction with other Ideal Work products. Further information can be found in our Application Method Statements or you can call one of our technical representatives.

Related Technical Product Information:

Liquid Release Agent 101 (**TPI-LRA101**)

Rainbow Stains (**TPI-RS101**)

Ideal Work Sealers (**TPI-IWS101**)

Ideal Aquapel-S (**TPI-IA101**)

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