Technical Data Sheet

TOA

FEATURES

: TOA 101 Decorplast is acrylic used for mixing with cement for thin plastering on concrete surfaces or for repairing small crack, filling small bubbles and levelling uneven surfaces resulting smooth plastered surface. Can be applied to both interior and exterior substrates which give good adhesion.

USES

: TOA 101 Decorplast is used for cosmetic repairs to concrete surfaces, precast concrete panels, brick and block works etc. A smooth surface is obtained by eliminating blemishes ie. grooves, seams and rock pockets.

ADVANTAGES

: TOA 101 Decorplast provides the following beneficial properties :
- Skim coating for concrete wall, column, ceiling, joints, etc.
- Superb adhesion and easy to sand.
- Able to render as thin as recommended without cracks.
- Able to render in multiple layers without peeling off.
- Use for interior and exterior
- Save paints when painting
- Non-toxic, No Mercury and Lead

TECHNICAL INFORMATION

Color	: Light grey paste
Density @ 25 $^\circ$C	: 1.36 – 1.40 g/cm^3
pH @ 25 $^\circ$C	: 9.00 – 10.0
Viscosity @ 25 $^\circ$C	: 14,000 - 20,000 CPs.
(Spindle # 6, speed 20)	
Volatile Organic Compound : ISO 11890-2	: < 1.0 g/l
Tensile Strength : ASTM C190-85	: > 2 MPa
Bonding Strength : ASTM C882	: > 8 MPa
Compressive Strength ASTM C109/C109M-01	: > 55 MPa

APPLICATION SYSTEM

Surface Preparation :

- Substrate must be sound, free of loose or weak particles, dust and dirt. Oil and wax containing layers, as well as laitance must be completely removed. The substrate must be thoroughly wetted down prior to the mortar application
- Cut the seam edge caused by the mould.
- Wet the areas to be plastered.

Application :

- Mix TOA 101 Decorplast with cement in the ratio 1:1 (by weight) and mix homogeneously. No water must be added.
- Apply the mixture with trowel where needed.
- In case of rough surfaces or cracks. Fill all cracks with a good quality sealant and allow drying prior to applying TOA 101 Decorplast.
- Leave to dry 2 - 3 hours. before apply another coat.
- Leave for at least 7 days for curing.
- Sand the surface when dry with sandpaper for more smoothness.

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Rev.1 10/2017

Recommendation :	– Stir well before use and once mixed, entire contents should be used.
	– Do not use TOA 101 Decorplast during strong sunshine or on hot substrate to prevent cracks.
	– Do not use this product while raining.
	– The crack must be sealed before the primary coat.
	– Do not use in areas where immerse all the time ie. storage tank.
	– Do not apply one time for high thickness, TOA 101 Decorplast must be applied for several layers.
	– Wash all tools immediately after use with water.
USAGE RATE	: 0.6 – 0.8 kg / sq.meter / 1 mm. thickness (excluding cement)
HANDLING AND STORAGE	
Storage	: – Keep all containers well closed.
	– Keep in a dry cool place.
Shelf life	: 12 months in original packing.
PACKAGING	: 4 kgs., 20 kgs.container
HEALTH AND SAFETY	: Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.
	: For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.
DISCLAIMER	: This information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However,as the product is often used under conditions beyond our control,we cannot guarantee anything only the quality of the product itself. We reserve the right to change the given data without notice.