



# TECHNICAL DATA SHEET

## TPS BLUE

### PRODUCT DESCRIPTION

TPS Blue is a high quality highly concentrated water based cellulose polymer plasticiser. Due of its excellent water retention and air-entraining properties, remarkable improvement can be seen in workability and consistency during application. The combined properties of excellent water retention and consistency make TPS Blue one of the best plasticiser.

### USES

Application on internal & external plastering.

### ADVANTAGES

- ✓ Good crack bridging capability
- ✓ Mixes and applies easily
- ✓ Very good adhesion to substrates
- ✓ Non-toxic, same as cement
- ✓ Cost saving on cement
- ✓ Improve bond strength
- ✓ Improve productivity

### PRODUCT DATA

Form	: Powder
Appearance / Colours	: White
Packaging	: 20 kg (200 packets in 100g packing)
Storage Conditions / Shelf Life	: 60 months from the date of production if stored properly in original, unopened and undamaged sealed packaging, in cool, dry conditions. Keep away from direct sunlight.

### TECHNICAL DATA

Chemical Base	: Polymer modified plasticiser
Filler	: Graded Silica Sand / Limestone powder
Aggregate Size	: 0.10-1.00mm

### HEALTH AND SAFETY INFORMATION

For information and advice on the safe handling, storage, and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet (available upon request) containing physical, ecological toxicological and other safety-related data



### SYSTEM INFORMATION

Application Details	: 2 Bags Cement + 40 Scoops Sand
Mixing ratio	(240kg) + 1 TPS Blue
Coverage	: Min. 80 square feet for 1 inch plastering thickness (According to mixing ratio above)
	Min. 160 square feet for ½ inch plastering thickness
Substrate Quality	: Concrete and brick surfaces must be clean, free from grease, oil and loosely adhering particles.
Substrate Preparation	: On area of concrete surfaces, spatter dash coat is required for improving adhesion between the undercoat and substrate surfaces.

### APPLICATION INSTRUCTIONS

Application Method / Tools	: Refer Method Statement.
Cleaning of Tools	: Clean all tools and application equipment with water immediately after use.
Pot Life (maximum)	: 120 ~ 180 minutes (at room temperature). Pot life is shorter at higher temperatures.
Notes on Application / Limitations	: Due to variation of sand, trial mix is strongly recommended to determine optimum mix.

### LEGAL NOTES

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. Neither Shijiru Sdn Bhd nor any of its parent's companies assumes any liability what so ever for the accuracy or completeness of the information contained herein.

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