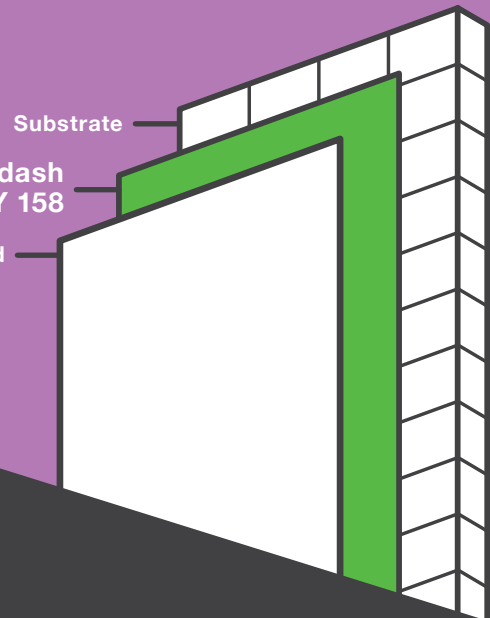




Bond Coat Slurry / Spatterdash  
by POWER BUDDY 158

Plaster / Render / Screed



Construction Chemical Series

# POWER BUDDY 158

**LATEX ADMIXTURE FOR  
BOND COAT SLURRY AND  
STRENGTHENING AGENT**

Styrene Butadiene Rubber (SBR) latex admixture for use as a bond coat slurry and strengthening agent for plastering, rendering and screeding

## Uses

- Mix with cement as Bond Coat Slurry to promote the adhesion of render, plaster and floor screed
- Enhance the adhesion strength of mortar and spatterdash
- As a strengthening agent for repair mortar and floor topping
- As a protection slurry for steel reinforcement

## Benefits

- As a surface modifier to enhance the adhesion of render and screed
- Improve the cohesion strength and wear resistance of the mortar
- Stiffening of render and screed surface
- Excellent bonding to concrete, masonry and panel wall
- Reduce water permeability

Complied Standard

| EN 998 | EN 1015 |

[www.starkendrymix.com.my](http://www.starkendrymix.com.my)

# POWER BUDDY 158

LATEX ADMIXTURE FOR  
BOND COAT SLURRY AND  
STRENGTHENING AGENT



## TECHNICAL PROPERTIES

	Bond Coat Slurry / Steel Protection Slurry	Spatterdash	Repair Mortar
Power Buddy 158	20 ℓ	10 ℓ	9 ℓ
Cement	40 kg	50 kg	50 kg
Sand	-	100 kg	125 kg
Water	20 ℓ	15 ℓ	9 ℓ
Power Buddy 158 Consumption	0.17 - 0.2 (ℓ/m <sup>2</sup> )	0.1 - 0.2 (ℓ/m <sup>2</sup> )	1.3 - 3.4 (ℓ/m <sup>2</sup> )
Coverage	5 - 6 m <sup>2</sup> /ℓ	6 - 17 m <sup>2</sup> /ℓ	0.3 - 0.8 m <sup>2</sup> /ℓ
Adhesion to concrete	2.5 N/mm <sup>2</sup>	2.4 N/mm <sup>2</sup>	3 N/mm <sup>2</sup>
Compressive Strength	-	35 N/mm <sup>2</sup>	53 N/mm <sup>2</sup>
Flexural Strength	-	15 N/mm <sup>2</sup>	12 N/mm <sup>2</sup>

Power Buddy 158 can be used as strengthening agent for plastering, render and surface stiffener. Dilute Power Buddy 158 with 1:2 to 1:4 ratio, and mix as a liquid part for plaster, render, skim coat and screed.

## PHYSICAL FEATURES

Package	Approx. 20 ℓ
Colour	White emulsion
Chemical	Styrene Butadiene Rubber (SBR) emulsion
Specific Gravity	1.02 kg/ℓ
pH Value	8 - 9
Minimum Application Temp.	5°C

## STORAGE

Shelf life is 12 months if stored in dry and cool place.  
Avoid direct sunlight exposure.

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Ver 1.0

## RECOMMENDATION

- 1 Stir before use
- 2 Do not dilute **Power Buddy 158** higher than 1:4 ratio. It will give lower performance

## APPLICATION

### SUBSTRATE PREPARATION

- 1 Substrate should be free from loose particles and contamination of foreign materials
- 2 Dampening of concrete surface is recommended during hot climate and under direct sunshine

## MATERIAL PREPARATION

### Installation of Bond Coat Slurry and steel reinforcement protection

- 1 Prepare the Bond Coat Slurry by mixing **Power Buddy 158** (1:1 dilution) with Ordinary Portland Cement (OPC) at a ratio of 1:1 (by weight). Stir the mixture thoroughly by using an electric mixer until a purple homogeneous slurry coat is obtained
- 2 For installation of Bond Coat Slurry, a layer of slurry coat can be applied by brushing on the concrete surface. Subsequent installation of mortar should be applied on purple homogeneous slurry coat
- 3 For steel reinforcement, a layer of Bond Coat Slurry can be applied by brushing on the exposed steel surface and allows to dry before next installation. A new coat of Bond Coat Slurry should be applied again before subsequent installation of mortar
- 4 When the Bond Coat Slurry turned black, apply another fresh layer. Do not apply mortar on dried Bond Coat Slurry

### Installation of Spatterdash

- 1 Prepare the Spatterdash by mixing **Power Buddy 158** with water, sand and OPC at a ratio of 1:1.5:10:5 (by weight). Stir the mixture thoroughly by using an electrical mixer until a purple homogeneous slurry coat is obtained.
- 2 Spatterdash can be achieved by simply spreading on concrete substrate dampened with water.

### Installation of repair mortar

- 1 Prepare the repair mortar by mixing **Power Buddy 158** with water, sand and OPC at a ratio of 9:9:125:50 (by weight). Stir the mixture thoroughly using an electric mixer.
- 2 Apply repair mortar while the surface of substrate is still damp with Bond Coat Slurry.

## CURING

Natural air curing is sufficient