

Ceilings/Finishes

# ENSEMBLE™ SPRAY-APPLIED FINISH



## Features and Benefits

Fine-textured Finish for USG Boral Ensemble™ Acoustical Plasterboard Ceiling

- Acoustically transparent, technologically advanced formulation
- White colour with a fine, granular texture

- High light reflectance (LR-0.85)
- Lightweight, only 12kg per 17L pail
- Quick drying, recoat in 20 to 40 minutes
- Applied with pneumatic spray equipment for economical installation

## Use

Designed specifically as the fine-textured finish for USG Boral Ensemble™ Acoustical Plasterboard Ceiling.

## Basic Installation Data

For complete installation instructions, see USG Boral Ensemble™ Acoustical Plasterboard Ceiling Technical Manual (Installation Guide).

## Mixing

- Finish must be thoroughly mixed prior to application
- Mix in the 17L container prior to filling the spray machine hopper
- Using a maximum of 450r.p.m electric drill and a high shear paddle mixer, thoroughly blend the finish until it has a smooth, creamy consistency
- Up to 500ml clean, potable water may be added in order to achieve the proper spray consistency
- Check for proper consistency using the material thickness gauge provided by the spray equipment manufacturer (small steel ball). If the ball sinks completely, the texture is ready to spray. If the ball does not sink within 10 seconds, add more water, 100ml at a time, and mix thoroughly until the ball sinks

## Recommended Spray Equipment

A texture sprayer, an air compressor, and a spray gun will be needed to apply the USG Boral Ensemble™ Spray-Applied Finish over the USG Boral Ensemble™ Acoustical Plasterboard Ceiling.

Equipment specifications are detailed in the USG Boral Ensemble™ Acoustical Plasterboard Ceiling Technical Manual (Installation Guide).

## Application

In order to achieve proper sound performance and appearance, the finish must be applied in a minimum of four cross-hatch pass coats.

- Apply each coat very lightly with 900mm gun clearance
- Start in one corner and work progressively across the ceiling
- Immediately cross-hatch. Once the finish is dry to the touch (approximately 20 to 40 minutes), recoat using the same technique

- Apply successive coats until the desired appearance is achieved. After the final coat, wait 24 hours and then remove any minor irregularities with a squeegee trowel

The finish can be applied directly to bare metal, primed metal, and plastic beads and trims. Maintain proper job site conditions and wear proper protective equipment (safety goggles, respirator, coveralls) while applying texture

## Limitations

1. For use only with USG Boral Ensemble™ Acoustical Plasterboard Ceiling.
2. Not for use in areas subject to surface contact.
3. Cannot be painted without negatively affecting acoustical performance.
4. Cannot be applied directly to metal with powder-coated finishes without proper surface preparation.

## Product Data

### Color:

White LR 0.85

### Binder:

Water-based Acrylic

### Coverage:

Approximately 10m<sup>2</sup> per 17L pail

### pH:

9.0 to 10.0

### Weight Solids:

55 to 60%

### Packaging:

17L pails

### Drying Time:

Can be recoated after 20 minutes at 24°C / 50% R.H. conditions. Drying time is dependent on temperature, humidity, and film thickness.

### Storage:

Close container after each use. Store in a dry place with moderate temperatures. Protect from freezing. Shelf life is up to 9 months under good storage conditions. Rotate stock on a first-in, first-out basis.

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