

# HessLite™ Mixing Guide

## LIGHTWEIGHT BLENDED MATERIALS

### Keys to a Great Mix

Proper mixing is critical for designed performance and workability. Please apply the following “best practices” for consistent success using HessLite Bonding Mortars.

- **Do not over-mix. Do not mix at high speed.** Lengthy and/or high-speed mixing will entrap air in the mix, resulting in lower strengths and poor workability.
- **Best non-sag is achieved with mud mixed to a drier consistency.** Correct water volume is critical to achieving good non-sag properties—HessLite bonding mortars are mixed at a much dryer consistency than Type-S mortars.
- **Allow the mud to slake.** The lightweight aggregate in HessLite bonding mortars will continue to absorb water as the mud rests. Then gently remix for 30 seconds. If necessary, adjust consistency by adding additional water. Take note of total water content used and repeat with subsequent batches.

### Bond Test

Apply mortar to back of veneer and firmly press into the substrate. Wait for one minute, then remove. If mud is mixed properly, there will be equal amounts of bonding mortar on substrate and veneer.

**HessLite™**  
LIGHTWEIGHT BLENDED MATERIALS



VBM Bonding Mortars 20+ years and over  
100 million square feet of proven performance.

### Instructions

Liteweight Veneer Bonding Mortar

## VBM™ BondMate™

Add bag of VBM BondMate to **5 to 5-1/2 quarts** of clean water (22–24% of water per 50 lb. bag of dry bonding mortar) and mix approximately **3 to 5 minutes** at LOW SPEED. Mortars may be mixed in a mechanical paddle mixer or in smaller batches with a drill and mixing blade. **DO NOT OVER MIX.** Mixing should be done carefully to minimize air entrainment. **Allow to slake for 7 to 10 minutes.** Gently re-mix and adjust consistency with additional water if necessary.

Liteweight Veneer Bonding Mortar

## VBM™ PolyThin™

Add bag of VBM PolyThin to **4-1/2 to 5 quarts** of clean water (29–31% of water per 35 lbs. of dry bonding mortar) and mix **3 to 5 minutes** at LOW SPEED. Mortars may be mixed in a mechanical paddle mixer or in smaller batches with a drill and mixing blade. **DO NOT OVER MIX.** Mixing should be done carefully to minimize air entrainment. **Allow to slake for 7 to 10 minutes.** Gently re-mix and adjust consistency with additional water if necessary.

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