



## S-2500 QUICK PATCH SYSTEM

### PRODUCT DESCRIPTION:

S-2500 is designed for patching rough, fully cured concrete or exterior grade plywood Group 1 CC or similar as an approved underlayment surface before floor covering installation. To be mixed with water only, S-2500 is a ready to mix latex modified formula. S-2500 is specially formulated for superior adhesion, toughness and resilience while providing the full robustness of a high quality quick patch system. Floor coverings can be installed in as little as 1.5 hours after application of the quick patch system at 70°F. S-2500 is a Zero Volatile Organic Compound formula.

### TECHNICAL DATA: Physical Properties

Compressive Strength                      7 Days: 3650 psi                      28 Days: 3220 psi

### APPLICATIONS:

- For interior applications only.
- Patching and filling depressions, holes and cracks in concrete and exterior grade underlayment.
- Specially formulated toughness.
- High compressive strength.
- Patching from featheredge to 2-inch thickness max per application layer.
- Compatible with dry set mortars, epoxies, polyurethane and ceramic tile adhesives for resilient floor covering applications.

### LIMITATIONS:

- Do not use over OSB, press-wood, masonite, flake-board, metal, asphalt, glass, gypsum floor patch compounds, lightweight concrete, Gypcrete or similar substrates.
- Always follow the floor covering manufacturers' recommendations for proper underlayment qualifications.
- Not to be used as a permanent traffic surface.
- Do not use as a large area self-leveling material. Use S-2200 self-leveling underlayment for this purpose.
- Do not use to fill expansion and control joints. These must remain intact to protect floor coverings.
- Not for use below 40°F or above 95°F.
- S-2500 QP, potable mixing water, and substrate temperatures must be maintained between 40°F (4.4°C) and 95°F (35°C) before install and until cure is completed.
- Do not apply floor adhesive before patch is completely dry and cured.
- Substrate must be a minimum of 55°F and rising.

### SURFACE PREPARATION:

- All substrates must be structurally sound, solid, dry, clean and free from any contaminants including dust that may act as bond barriers. Paint must be removed, etc.
- Concrete must be fully cured and a minimum of 28 days old.
- Any curing accelerators, strong acid or alkali residues must be removed/neutralized.
- All wooded floors must be well ventilated from beneath substrate.

### APPLICATION:

Some settling can occur during transportation. Dry mix the entire bag contents before separating into small batches for mix with water. In a clean mixing container, use 9.6 quarts (9.1L) of water per 50 pounds of S-2500. Gradually add powder to water while mixing in a slow speed mixer (250-350 rpm). Mix until lump free. Do not over-mix or slake material, as both will cause shortened pot life and air entrainment. Do not mix more material than can be used in 10 minutes at 70°F. Do not add additional water to mix. Push mixed material into surface to desired profile. Protect material from excessive heat and high airflow during cure. Store material in dry area at 70°F for a minimum of 24 hours before use. Coverage is 60 square feet per 50 pound bag at 1/8" thickness.

### CLEAN UP:

Wash hands and tools thoroughly with warm soapy water immediately after mixing.