



Between the World  
and The Weather  
Since 1928

## Advantages of Liquid Applied Ram-Tough 250 Flexible Membrane Over Cold-Cure Type Fluid-applied Membranes

1. No curing provides many advantages:
  - Speed: **Ram-Tough 250** is ready for subsequent operations immediately.
  - Much wider ambient installation temperature range, cold-cure materials cannot be installed below 40°F and often requires 50°F and rising temperatures.
  - **Ram-Tough 250** can be installed at 0°F.
  - **Ram-Tough 250** is unaffected by adverse weather immediately after installation, unlike cold cure membranes which can require four to seven days or even longer to reach a "cured" state.
2. **Ram-Tough 250** membrane, at 215 mils, is three to six times thicker, making it better able to bridge developing cracks in the deck. **Ram-Tough 250** offers more than 1,000% elongation ability.
3. Detailing reinforcement: **Ram Tough 250's** triple membrane protection puts sheet reinforcement and two coats of membrane at all critical flashing conditions where cold-cure membranes tend to leak.
4. **Ram-Tough 250** is self healing in moderately warm temperatures. **Ram-Tough 250** is able to seal minor construction damage - unlike any cold-cure material.
5. No two-part systems to mix. Reduces applicator error and workmanship requirements.
6. A thermoplastic material, **Ram-Tough 250** provides a continuous fusion-weld when lapped over previously installed materials. Cold-cure systems only obtain a physical (not chemical or molecular) stick or adhesive-type bond when lapped.
7. **Ram-Tough 250** is 100% solids. No toxic or dangerous solvents – the initially installed thickness remains on deck. Cold cure membranes such as urethane evaporate their V.O.C. solvents into the atmosphere and "shrink" to 40-60% of their original thickness. Typically a 60 mil "wet" thickness will cure to 30-45 mil "dry" thicknesses.

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