

**Advantages of Liquid Applied
ram-Tough 250 Flexible Membrane
Over
Cold-Cure Urethane Type Membrane**

1. No curing of ram-Tough 250 provides many advantages:
 - Speed – ram-Tough 250 is ready for subsequent operations immediately.
 - Much wider ambient installation temperature range – Cold-cure materials can not be installed below 40°F and often require 50°F and rising temperatures.
 - ram-Tough 250 can be installed at 0°F
 - ram-Tough 250/PMR is unaffected by adverse weather immediately after installation, unlike cold cure membranes which can require two to seven days to reach a “cured” state.
2. ram-Tough 250 is three to six times thicker – better able to bridge developing cracks in the deck and provide much more protection.
3. Detailing reinforcement – ram-Tough 250 has triple membrane protection with sheet reinforcement and two coats of membrane at critical joints where most leaks in other cold cure urethane systems occur.
4. ram-Tough 250 is self healing – Able to seal minor construction damage – unlike any urethane material.
5. Many cold cure urethanes are two part and even three part systems which must be properly proportioned and properly mixed. ram-Tough 250 has no parts to mix, reducing applicator and workmanship error.
6. When applying membrane in day to day operations, ram-Tough 250 provides a continuous, monolithic weld when lapped – Cold-cure system obtains only a adhesive-type bond when lapped.
7. ram-Tough 250 is 100% solids. No toxic or dangerous solvents – Initial installed thickness remains on deck. Cold cures “shrink” during cure to 40-60% of original thickness. Typically a 60 MIL “wet” thickness will cure to 30-45 MIL “dry” thickness.