



Multi-55

One Time Re-Emulsifiable Bonding Agent

DESCRIPTION

Multi-55 is a one time re-emulsifiable, ethylvinyl acetate (EVA) copolymer for use as a liquid bonding agent. **Multi-55** has high strength in dry film and provides a better wet bond than acrylic or PVA products. Unlike PVA products, it allows for exterior use, increased water and alkali resistance and a lower film formation threshold. **Multi-55** is considered less sticky, more workable and more versatile than acrylic bonders. **Multi-55** will re-emulsify once and will not re-wet again. It can be used in interior or exterior applications not subject to water immersion.

USES

Multi-55 is an ideal primer for use with **US SPEC SLU** or other cementitious compounds:

- Portland or gypsum cement underlayments
- Patches
- Mortars
- Coatings
- Will bond to concrete, masonry and brick

BENEFITS

- Versatile: Bridges gap between acrylic and PVA products
- Excellent Bonding Agent: Superior adhesion properties
- Can be used when there is a delay of up to seven days prior to application of top coat
- Water-Based: Low odor, VOC compliant and easy clean-up
- Consistent: Strict Quality Control testing and standards

STANDARDS

Multi-55 meets and exceeds the requirements of ASTM C1059 Type I and II for Latex Bonding Agents.

SURFACE PREPARATION

All surfaces in contact with **Multi-55** shall be free of dirt, oil, grease, laitance and other contaminants that may act as bond-breakers. All unsound concrete should be removed to ensure a good bond. Smooth, dense surfaces need to be mechanically abraded to provide necessary bonding requirements. If mechanical abrasion is needed refer to ICRI Guideline 310.2 for proper surface preparation methods. Substrate shall be dry. Always apply a test patch. Maintain contact areas between 40°F (4°C) and 90°F (32°C) prior to repair and during initial curing period.

MIXING

For best results, mix thoroughly before each use. Do not over agitate or use high speed mixing equipment. Stir **Multi-55** to a uniform blend when combined with water.

PHYSICAL PROPERTIES

Complies with National Volatile Organic Compound Emission Standards.

VOC	<10 g/L
Color	Milky White Liquid
Solids Content	55%
Dry Time	30 minutes

PLACING

As a primer for **US SPEC SLU** and **US SPEC Flow-Top HD**, apply evenly with a soft push broom. Do not use paint rollers, mops or spray equipment. Prime the surface with **Multi-55** at a rate of 500–600 ft²/gal when diluted 2:1 with cool, clean potable water. Coverage rate of **Multi-55** will vary depending on the porosity of the surface. Extremely absorbent concrete may require two applications of **Multi-55** to avoid the formation of “pinholes” in the underlayment. Allow **Multi-55** to fully dry prior to placing underlayment.

As a bonding agent for patching compounds, apply with a low pressure sprayer, brush or roller at a rate of 300 ft²/gal when diluted 1:1 with cool, clean potable water. A hand held pump sprayer or an airless industrial sprayer is acceptable. Apply evenly without puddling. Allow **Multi-55** to fully dry prior to placing patch.

STORAGE

Protect from freezing. Store material in an interior, cool, dry place above 40°F (4°C). Shelf life is one year in original, unopened container.

CLEAN-UP

Clean tools and equipment with warm, soapy water. After material has dried, it may be necessary to use solvents such as mineral spirits, toluene or xylene.

LIMITATIONS

In addition to limitations already mentioned, please note the following. Do not apply when the surface or ambient temperature is below 40°F (4°C) or expected to fall below 40°F (4°C) within 48 hours. Do not use **Multi-55** in areas subject to constant immersion, such as swimming pools.



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DANGER

May be harmful if swallowed. May be harmful if inhaled. May cause skin irritation. May cause eye damage. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated place. Keep away from children. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with local/regional/national/international regulations.

FIRST AID

If swallowed: Immediately call a poison center/doctor. Rinse mouth. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

MANUFACTURER/TECHNICAL SERVICE

Contact your US SPEC manufacturer's representative for the most current product information. Always read and follow the warnings and instructions on the most current technical data sheets and safety data sheets (SDS), available online at www.usspec.com.

US MIX

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Denver, CO 80223

Tel: 303.778.7227 Fax: 303.722.8426

Web Site: www.usspec.com

LIMITED WARRANTY: The manufacturer warrants that this product is free from defects in material and workmanship, and will perform per the manufacturer product literature in effect at the time of purchase. This warranty is for one (1) year from the date of purchase. Any implied warranty of merchantability or fitness for a particular purpose is limited to the duration of this express warranty. This warranty applies only if the product is used, in strict accord with the manufacturer published instructions. The sole and exclusive remedy under this warranty is replacement of the defective product or refund of the purchase price, at the manufacturer's option. **CONSEQUENTIAL, SPECIAL, AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.** All claims under this warranty must be submitted to the manufacturer by calling 303-778-7227. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.