



1501 West 178<sup>th</sup> Street | Gardena, CA. 90248  
310-767-7812 | 800-359-5679 | fax: 310-767-7836  
[info@matsui-color.com](mailto:info@matsui-color.com) | [www.matsui-color.com](http://www.matsui-color.com)

## Crack Base HO

### Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Matte
- **Opacity/Viscosity** | High/Low
- **Bleed Resistance** | None
- **Flash Temperature** | 160°F (71°C)/decreases with deposit thickness
- **Cure Temperature** | 320°F (160°C)
- **Squeegee Hardness** | Medium
- **Squeegee Blade** | Sharp
- **Squeegee Angle** | 45 degrees to screen
- **Squeegee Speed** | Medium
- **Underlay** | 301 Series
- **Emulsion** | Direct or indirect
- **Mesh Count** | 60-110 mc in (24-43 mc cm)
- **Thinner** | RV Additive
- **Thickener** | Thickener B
- **Storage** | 65°F to 95°F (18°C to 35°C). Avoid direct sun.
- **Cleanup** | Water and mild soap or detergent
- **Color Range** | White
- **Substrate Type** | Cotton and blends otherwise use Under Base Blocker
- **Substrate Color(s)** | Light, Medium and Dark Fabrics

### Description

**Crack Binder 812/Crack Base HO** is a high opaque base that creates a unique crack weathered effect.

### Features

- Easy to mix and print
- Can be tinted with “**Neo Pigments**” to create opaque colors
- Can be printed on top of a white underlay to accentuate cracks
- Excellent printability with no viscosity modifications
- Thicker ink deposit is recommended for best results
- OEKO-TEX® Compliant, CPSIA and HR4040 Compliant
- Is “**PVC Free**” and environmentally safe

### Application

Print through screen mesh up to 110 mc in (43 mc cm) when cured at 320°F (160°C), create a thick stencil with multiple layers of emulsion or use capillary film to achieve a heavier deposit. Must be flashed to achieve cracking effect prior to putting in the dryer.

### Special Recommendations

**Crack Binder 812/Crack Base HO** should be mixed in clean vessels using clean mixing blades and utensils. Any contamination from other ink sources or non-approved additives could make **Crack Binder 812/Crack Base HO** test positive for restricted PVC's.

- **Use Retarder MG 1-5% to help with open time in the screen**
- **Use Fixer WF-N 1-5% to help with wash fastness**
- **Use Softener MG 1-4% to help penetrate in to the garment**
- **Use Thickener B .25-1% to help thicken the ink**
- **Use RV Additive 1-3% to reduce viscosity**