



Product Data Sheet

Water Flecks®
Product Data Sheet
rev 101518

Product Description:

Water Flecks® is comprised of a U.V. resistant, granulated thermoplastic rubber surface mixed with a two-part chlorine resistant urethane binder designed to withstand long-term exposure to chlorinated water even when totally submerged. **Water Flecks®** does not promote the growth of algae or fungi with anti-microbial additives included in the system. **Water Flecks®** can be installed directly on top of concrete or if desired, in combination with our EnviroFluff® to create the only true safety surface for waterplay that is 100% chlorine resistant. **Water Flecks®** is a non-slip, safe, decorative surface which will not fade and resists cracking in freeze thaw environments. **Water Flecks®** comes in 15 different colors that can be blended together to create unlimited color blends, patterns and designs to fit your needs and desire. **Water Flecks®** is cooler to the touch than most surfaces making it the ideal surface for all your aquatic surfacing needs.

Physical Properties:

1. Elongation: 300%
2. Tensile Strength: 25 mPa
3. Hardness Shore A: 65
4. Density: 0.90 g/l

Mechanical Properties:

1. Compression Set: Excellent
2. Rebound Rating: Excellent
3. Flexural, Crack Resistance: Good to Excellent
4. Shrinkage Resistance – Excellent
5. Abrasion Resistance - Good
6. Tear Resistance – Good
7. Impact Resistance – Excellent
8. Flame Resistance – Good

Technical Properties:

1. Particle size: 0.5 mm – 3.0 mm
2. Composition: TPR (Thermoplastic Rubber)
3. Mixing Ratio by Volume: 45 lb. bag to 5 Quarts Flecks® Urethane Binder.
4. Spread Rate: 35 - 40 sq. ft. per bag @ 3/8" thickness
5. Toxicity – Non-toxic; no harmful ingredients

Environmental Resistance:

1. Thermal Shock: Excellent
2. Ozone Resistance: Excellent
3. U.V. Resistance/Light Stability: Excellent
4. Chlorine Resistance – Excellent
5. Oxidization Resistance: Good
6. Chemical Resistance: Good
7. Radiation Resistance: Good
8. Non-Leaching: Excellent