Sikafloor® Morritex Self-Leveling Slurry Broadcast System

(Formerly Morritex HD)

Self-Leveling/Broadcast Surfacing of 1/8 – 1/4 in (3 – 6 mm)

Description
Sikafloor® Morritex Self-Leveling Slurry Broadcast System is a solid color, textured, resin rich, aggregate extended, seamless epoxy based floor topping. The incorporation of durable, fine aggregate into the matrix during mixing significantly increases the liquid resin volume during application without sacrificing physical properties. This reduces the overall neat resin cost associated with thicker self-leveling coatings, maximizes resin economy allowing thicker applications that ultimately extend the coatings service life against aggressive wear. Additional selected aggregate (selected for texture) are broadcast on to the wet resin during application to produce an aggregate surface texture with improved wear resistance. Typically installed in light to heavy duty traffic areas, this general service epoxy coating demonstrates good chemical resistance as well as high abrasion and impact resistance. Final surface appearance options include: unlimited color selection, integral cove base, and variable surface texture to produce a range of slip-resistant finishes. The system thickness is adjustable to 1/8 – 1/4 in (3 - 6 mm) depend on condition of use.

Where to Use
- Light to heavy duty manufacturing facilities.
- Animal laboratories & housing
- Automotive maintenance facilities
- Institutional and recreational facilities.
- Garbage rooms.
- Laundry rooms.
- Laboratories.
- Packaging areas.
- Photo processing & printing shops.
- Traffic aisles.
- Clean Rooms

Advantages
- High abrasion and impact resistance.
- Good chemical resistance.
- Durable, impermeable and seamless.
- Variety of textures available
- Variety of slip-resistant surface profiles.
- Low odor / low VOC.
- Unlimited colours, no minimum required.
- (Optional) Integral cove, base and curbs

TYPICAL DATA

RESULTS MAY DIFFER BASED UPON STATISTICAL VARIATIONS DEPENDING UPON MIXING METHODS AND EQUIPMENT, TEMPERATURE, APPLICATION METHODS, TEST METHODS, ACTUAL SITE CONDITIONS AND CURING CONDITIONS.

<table>
<thead>
<tr>
<th>Property</th>
<th>Standard</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive Strength</td>
<td>ASTM C579</td>
<td>8,702 psi (60.0 MPa)</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM C307</td>
<td>1,653 psi (11.4 MPa)</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>ASTM C580</td>
<td>3,771 psi (26.0 MPa)</td>
</tr>
<tr>
<td>Flexural Modulus of Elasticity</td>
<td>ASTM C580</td>
<td>1,36 x 10^6 psi (9.4 x 10^3 MPa)</td>
</tr>
<tr>
<td>Hardness (Shore D)</td>
<td>ASTM D2240</td>
<td>82</td>
</tr>
<tr>
<td>Flammability</td>
<td>ASTM D635</td>
<td>Self Extinguishing</td>
</tr>
<tr>
<td>VOC</td>
<td></td>
<td>18 gl</td>
</tr>
<tr>
<td>Coefficient of Friction</td>
<td></td>
<td>Varies by texture, consult Sikafloor Technical Service</td>
</tr>
</tbody>
</table>
### System Build Up

<table>
<thead>
<tr>
<th>Coating</th>
<th>Product Name</th>
<th>Typical Thickness (mils)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primer</td>
<td>Sikafloor 161</td>
<td>8 - 10</td>
</tr>
<tr>
<td>Body Coat</td>
<td>Sikafloor 264 + Sikadur 504 Slurry Aggregate + Broadcast Quartz to Rejection</td>
<td>60 - 80</td>
</tr>
<tr>
<td>Top Coat</td>
<td>Sikafloor 264</td>
<td>16</td>
</tr>
<tr>
<td>Optional Top Coat</td>
<td>Sikafloor 315</td>
<td>3 - 3.5</td>
</tr>
<tr>
<td>Optional Top Coat</td>
<td>Sikafloor 510</td>
<td>16</td>
</tr>
</tbody>
</table>

1 Sikafloor-315 would be an optional top coat on top of Sikafloor-264 for increased chemical and abrasion resistance (e.g. helps reduce scratches, staining, protects from chemical attack). Pigmented Sikafloor-315 provides superior UV resistance and outstanding color stability.

2 Sikafloor-510 would replace Sikafloor-264 as Top Coat for superior UV resistance and increased chemical resistance.

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#### System Build Up Step Diagram

- **Primer**
- **Body Coat w/Slurry Aggregate + Broadcast Quartz to Rejection**
- **Top Coat**

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**KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • FOR INDUSTRIAL USE ONLY**

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