Green Monster™ Application Specifications:

GML Coatings specializes in concrete restoration and coating applications for water and wastewater infrastructure. The Green Monster™ System is made up of: GML 30/60 mortar used as a resurfercer or structural build back material; Green Monster™ Primer which is a spray applied plural component material that penetrates deep into the pours of the concrete; Green Monster™ products which are spray applied at a 125 mil thickness creating a flexible coating forming the protective barrier to this structural system. This is a general specification for manholes and lift stations, make sure to consult with a GML representative before specifying any of GML’s products for other applications.

Products:

GML 30/60 Mortar, Green Monster™ Primer, Green Monster™ Liner, Green Monster™ Structural, Green Monster™ Extreme, Green Monster™ Potable.

Procedure:

- The structure will be solid plugged or flow-through plugs will be used to control flow coming into the work area. GML coatings can also setup bypass pumping if required.

- Preparation will begin by sandblasting the entire substrate preparing the surface so that it is structurally intact, clean of all corrosion, and provided with a good profile.

- After sandblasting is completed, the surface area will be power washed at 4000 psi ridding the substrate of all dust, sand, and loose debris.

- All solids and water will be removed from the worksite along with other debris.

- Active infiltration will be injection grouted.

- GML 30/60, A cementitious calcium aluminate concrete will be applied to all voids, in most cases the entire surface will be structurally built up .5 inches to 1 inch thick providing a smooth brushed finish. Thicker applications may apply where there is more deterioration of the existing structure.

- The work area will be completely dried using in-direct heat lowering the moisture content of the substrate.

- Green Monster™ Primer will be applied to the dry and cooling substrate providing maximum adhesion and sealing the porous concrete.

- Green Monster™ products are spray applied at a 125 mil thickness. This will be sprayed onto the ring of the structure down to the coating of the bench in manholes and the entire bottom of other structures.

<table>
<thead>
<tr>
<th>Materials</th>
<th>Manufacturer/Products</th>
<th>Set Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Injection Grout</td>
<td>GML - SewerCrete™ Leak Stop</td>
<td>3 Minutes</td>
</tr>
<tr>
<td>Cementitious Mortar</td>
<td>GML 30/60</td>
<td>22-25 Minutes</td>
</tr>
<tr>
<td>Primer</td>
<td>Green Monster™ Primer</td>
<td>20 Minutes</td>
</tr>
<tr>
<td>Flexible Coating</td>
<td>Green Monster™ Coatings</td>
<td>1 Minute</td>
</tr>
</tbody>
</table>

GML Coatings is the owner and exclusive applicator of the GML line of products and does not license them to other firms. GML Coatings trained professionals are to be responsible for all concrete preparation that is associated with the project. Green Monster™ coatings are an excellent choice when specifying a coating system. Cracking is never an issue like it is in most present day rigid lining applications because of the elasticity of the material. Green Monster™ coatings can be applied to any concrete, steel, brick, or fiberglass surface. Ask about changes in procedure when referencing other GML products and applications.