

ELASTOSEAL-Trowel

Cold Fluid-Applied Rubber Membrane System

CSI Div. 07

07 14 16 Cold Fluid Applied Waterproofing

LEED Points

MR Credit 5.1, Regional Materials.....Up to 2 Points
IEQ Credit 4.2, Low-Emitting Materials Paints and Coatings...1 Point
Using this AQUAFIN product can help contribute to LEED certification of projects in the categories shown above.

Product Description:

ELASTOSEAL-Trowel is a ready to use fast setting, cold applied, modified asphalt emulsion system using exact formulated polymers providing unique elastomeric performance. It can be installed where solvents and heat are not allowed. Its formulation is designed for creating cants in wall/floor joints and detailing cracks prior to applying a seamless membrane using ELASTOSEAL-Roller/Brush.

Typical Applications:

- Below grade, concrete or CMU exterior foundations
- Primary and secondary containment tanks
- Water fountains, ponds and water features
- Waste water treatment tanks and reservoirs
- "Sandwich slab" construction

Advantages:

- Zero VOC's
- No "hot pots" or trailers
- Cost Efficient – reduced application times
- One component, ready to use
- Self-healing
- Monolithic without seams
- Resistant to many chemicals (contact Aquafin for complete listing)

Substrate Preparation:

- Substrates must be free of all dirt, dust, grease, oil, sealers, curing compounds, form release agents, laitance and loose toppings.
- Only proceed with application when the temperatures remain between 40°F and 90°F (4°C and 32°C) and protect from freezing for 24 hours after application.
- All surfaces to be coated should be dry (damp is acceptable with no standing water). Hot surfaces should be cooled and shaded while cold surfaces should be heated and sheltered.
- For proper adhesion, concrete substrates must have a minimum CSP – 3 (concrete surface profile) per ICRI guidelines.
- All loose particles and/or flaking coatings must be removed by sandblasting, water-blasting or other mechanical means.
- All detail work and tape application must be completed before application of membrane can be started.

Mixing:

For best results, mechanically mix at slow speed with a 3/4" drill and mixing paddle. Mix at slow speeds (not exceeding 500 rpm) to prevent entraining air for a minimum 15 minutes for a 5 gallon pail, and 5 minutes for a 1 gallon can.

Application:

Read all instructions thoroughly prior to installation.

- Ensure substrate and ambient temperatures are between 40°F and 95°F (4°C and 35°C) before application. Do not apply if freezing temperatures are expected within 24 hours.
- ELASTOSEAL-Trowel is applied using a trowel. Use ELASTOSEAL-Trowel for creating cants in wall/floor joints and for detailing properly prepared cracks. It can also be used in conjunction with Aquafin CRACK REPAIR TAPE.

Curing

ELASTOSEAL-Trowel will begin curing immediately upon application. Full cure occurs within 72 hours at 70°F (21°C) with a relative humidity of 50%. Humidity can significantly impact cure times.

Limitations:

- Do not bridge moving cracks or joints.
- Do not add admixtures or extend with aggregate.
- Bonding agents are recommended for large areas as well as permanently damp areas.
- Protect from freezing for 24 hours after application. If product freezes before full cure it may become necessary to recoat if cracking occurs within the membrane.

Clean-up

Promptly wash hands with baby oil. Clean tools and equipment with Mineral Spirits before material dries. Cured material must be removed mechanically.

Shelf Life:

12 months in unopened, original packaging.

Safety:

Refer to SDS. KEEP OUT OF REACH OF CHILDREN.

LIMITED WARRANTY: AQUAFIN, INC. warrants its products to be manufactured free of defects for one year and to be consistent with its standard high quality. We will replace or, at our election, refund the purchase price of, any product which is proven to be defective, provided that the product was properly applied. Our product recommendations are based on Industry Standards and testing procedures. We assume no warranties either written, expressed or implied as to any specific methods of application or use of the product. AQUAFIN, INC. MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. AQUAFIN, INC. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.