



AQUAFIN Building
Product Systems

AQUAFIN[®]-2K/M

**MAINTENANCE MANUAL
for
Pools , Fountains, Ponds**



MAINTENANCE MANUAL

AQUAFIN®-2K/M Flexible Cementitious Protective & Waterproof Coating

1. AQUAFIN-2K/M has a 30+ year successful track record. It was developed in 1977 in Germany by Aquafin's partner Aquafin International and since 2001 manufactured in the USA by Aquafin, Inc.
2. AQUAFIN-2K/M is a long lasting, VOC-free (VOC = volatile organic content) waterproofing and crack isolation membrane, designed for use in swimming pools, fountains, ponds and all types of exterior and interior water features .
3. AQUAFIN-2K/M requires minimal maintenance. In water containing structures that are periodically emptied, the coating should be inspected at least once a year, to determine if maintenance is required.
4. Possible causes of coating damage include:
 - Chemical imbalance or abuse.
 - Surface staining due to pool water impurity.
 - Cracking due to structural defects (i.e. excessive cracking of the substrate), dynamic movement or mechanical damage.
 - Improper cleaning methods and materials.
 - Osmotic blisters due to negative water penetration through the concrete as a result of rain, sprinklers or ground water.
5. The annual inspection should include:
 - Physical inspection of the coating for any loose areas, cracks, blisters or other damage.
 - Inspection of joints for any de-bonding of the joint sealing tape.
 - Inspection of areas around drains and pipe penetrations.
6. Remedial procedure in case of algae:
 - For inhabited tanks use power scrubber or remove animals and use bleach or commercially available algae destroyer.
 - For light or regular maintenance cleanings, scrub surface with TSP (Trisodium Phosphate) and high pressure wash clean (i.e. 1,000 - 2,000 psi). In some instances pressure washing may be sufficient.
7. Remedial procedures in case of cracking or coating damage:
(these procedures to be carried out by a qualified Aquafin installer)
 - Mechanically damaged AQUAFIN-2K/M can be easily repaired by thoroughly cleaning (sanding) the surface and re-applying a new coat of AQUAFIN-2K/M.
 - Cracks, joints and osmotic blisters: consult the Aquafin office.

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