



BELZONA®
4111
M A G M A - Q U A R T Z

Long Term Reclamation and Protection of Concrete

Concrete is vulnerable to attack from abrasion, impact, vibration and chemicals. Because of its porous nature and the weak electronic forces which hold the individual cement crystals together, all concrete deteriorates.

Belzona® 4111 (Magma-Quartz) is the proven, long term solution for the repair and protection of concrete. Belzona® 4111 (Magma-Quartz) has outstanding versatility in application, allowing rebuilding, screeding, bonding or grouting to suit specific situations and offering resistance to abrasion, impact, vibration and chemical attack.

Designed for excellent performance and ease of application, Belzona® 4111 (Magma-Quartz) has outstanding:

- ADHESION
- STRENGTH
- HARDNESS
- CHEMICAL RESISTANCE

Ideally suited for horizontal surfaces, the system may also be applied on vertical substrates up to 1/4 inch (6 mm) thickness, including:

- Steel and other metal substrates,
- Concrete surfaces subject to chemical attack,
- Areas subject to extreme wear, impact and abrasion, and
- Concrete, brick, marble and stone structures.



LOOSE RAILINGS



CRACKED TANKS



STEPS



SUPPORT BASES



GROUTING



CHANNELS & GRATINGS

The Unconventional Alternative.

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BELZONA® 4000 SERIES MAGMA POLYMERS

Safety in Use

- No solvent vapors.
- No fire risk.
- No tainting of food stuffs.
- Meets USDA requirements for incidental food contact.

Versatility in Application

- Easily applied by float or trowel.
- Can be applied and cured under adverse conditions.
- Thin or thick layers can be applied as required and feather edged for perfect finish.

Versatility in Use

- Suitable for use on all firm substrates both metallic and non-metallic.
- Can be tinted to match original substrate.
- Consistency can be easily controlled to produce a pourable grout or a non-flowing screeding consistency.
- Resists pedestrian traffic in 4 hours; full mechanical hardness in 16 hours.

Permanency in Service

- Does not absorb water or chemicals. Will not be destroyed by frost or sub-zero service conditions.
- Resistant to all environmental attack.
- No shrinkage irrespective of the thickness applied so that no internal stresses are set up to cause premature breakdown.
- Resists all normal loads. Compressive strength ASTM C39 typically 9,400 psi.
- Excellent resistance to a broad range of chemicals.
- Safe, hygienic surface can be cleaned by hosing, steam cleaning or mechanical scrubbing.



AVAILABLE IN 15 KG. (33 LBS.) UNIT SIZE.



BS EN ISO 9002 - 1994
Certificate No. Q/09335

