

EURIPARE BA12

SBR BASED BONDING AGENT

DESCRIPTION

EURIPARE BA12 is a liquid, water-based styrene-butadiene polymer latex with exceptional bonding characteristics. It exhibits stability under wet alkaline conditions and forms a reinforcing polymer matrix within cementitious mixes.

USES

EURIPARE BA12 serves a variety of purposes Such as:

- Including bonding new concrete to old
- Repairing concrete structures
- Producing flooring mixes for screeding and patching
- Creating waterproof renders for tanks
- Preparing filling/injection grouts
- Formulating tiling and setting mortars that meet ANSI standards

ADVANTAGES

- Enhances adhesion and bonding of cementitious or gypsum mixes.
- Reduces shrinkage and cracking in repair and screeding mixes
- Exhibits good resistance to freeze/thaw cycles

APPLICATION

Surface Preparation

Before start using EURIPARE BA12 It is important that the substrate should be clean, free from laitance (a weak layer of cement and fine particles) and has a roughened texture. For large areas, it is recommended to use grinding or scabbling machines.

Additionally, when repairing areas, the edges should be cut back to prevent feathering. If there is exposed steel, it should be grit blasted or wire brushed to achieve a bright finish, followed by the application of a suitable protective coating. Prior to applying the mortar, all surfaces should be saturated with water and any ponded surface water should be removed after 24 hours.

TYPICAL PROPERTIES

Appearance	White Liquid
Specific Gravity (@20°C)	1.01 g/cm ³ ± 0.02 g/cm ³
Particle Size	0.20 µm
Solid content, [%]	15%
Application Temperature	5°C - 35°C

Application Instructions

1. Bond coating

For the application of EURIPARE BA12, it serves as a crucial bond/adhesion coating, facilitating the adherence of cementitious renders, screeds, or repair mixes to concrete, masonry, or brick surfaces. This capability enhances the structural integrity and performance of these construction materials, ensuring a reliable and durable outcome in various building and repair projects, We recomend to use a minimum of 2 coats.

2. Adhesive mortars

EURIPARE BA12 is well-suited for adhesive mortars, offering strong bonding properties when working with slip bricks, tiles, and mosaics. In addition, it can be effectively utilized in the preparation of grouting and pointing mortars, some of which possess resistance to various chemicals. This versatility makes it a valuable component in tiling and construction projects where adhesive strength and durability are essential.

3. Flooring patching renders

EURIPARE BA12 is an excellent choice for concrete repair, reinstatement of old floors, floor patching, general purpose concrete repair, and renders. To begin, dampen/wet the prepared substrate, then apply a bond coat while it is still wet. Next, place the screed, repair, or render mix using a wooden float to apply and compact. For repair mixes, a semi-dry consistency is recommended, and they should be rammed into place. Finish the application with a steel float.

4. Waterproof renders

EURIPARE BA12 is well-suited for sealing and waterproofing concrete water tanks, basements, and exterior foundation tanking. After preparing the surface and wetting it, apply a horizontal brush coat of bonding mix. Once the first coat is almost touch dry, apply a further coat vertically, each being 1mm thick.

5. Floor screeds

EURIPARE BA12 is an ideal choice for levelling uneven floors, large area patching, and creating abrasion-resistant screeds in heavy-duty areas. To apply, first prime the prepared substrate using an epoxy bonding agent and wait for 10-15 minutes. Then, spread the mixed polymer-modified screed mortar using a rake or screeding bar, or opt for a polymer-modified cement-based bonding coat. Make sure to apply the screed while the bond coat is still wet. Level the screed to the desired thickness by manually compacting with a wooden float and using a screeding lath to control thickness. Achieve a smooth finish with a wood or steel float.

CURING

Thorough curing is crucial for all exposed surfaces, especially in dry or windy conditions. To achieve proper curing, one or two coats of a proprietary curing membrane sealer can be applied. Alternatively, other effective methods such as water misting, using polyethelene sheeting, or employing similar techniques are also suitable options to ensure the curing process is effective and prevents premature drying or cracking. By providing adequate and appropriate curing, the durability and performance of the applied material can be significantly enhanced.

PACKAGING

EURIPARE BA12 is supplied in 5, 25 or 200 liter drums.

STORAGE

EURIPARE BA12 should be stored and maintained in a dry area, protected from extreme temperatures. The shelf life of EURIPARE BA12 is 12 months from the date of production.

HEALTH AND SAFETY

For more information, please check the Material Safety Data Sheet.

CONTACT

For information regarding the licensee or manufacturer for ECA, please contact us at techsupport@alfaihaengineering.com.

DISCLAIMER

ECA aims to ensure the accuracy of information and recommendations in the product literature. However, due to variations in materials, substrates, and site conditions, and without control over product application, storage, weather, and usage conditions, ECA cannot be held liable for any resulting issues.