

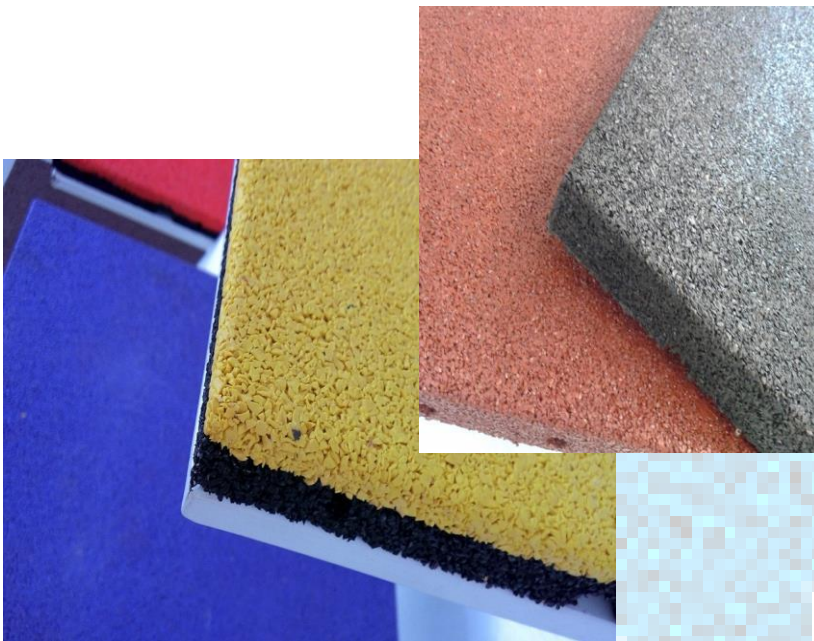
AGLOMERANTS



Single-component binder resins based on polyurethane, aromatic or aliphatic, for the preparation of pieces and surfaces of crushed rubber, cork, aggregates and natural stones ...

Materials

- RUBBER CRUSHED
- COLORED ENCAPSULATES
- MARBLE AND NATURAL STONE CRUSHED
- CORK



MAIN USES:

SERIE 1000

Aromatic binders designed for the manufacture of industrialized parts or the production of continuous surfaces with crushed rubber, cork or minerals of dark tones.

SERIE 2000

100% aliphatic polyurethane based binders, especially suitable for the application in situ of the upper layers of light shades or vivid colors on continuous surfaces of rubber ground or on decorative surfaces of mineral shreds. High resistance to yellowing.

Reciclaje de Neumáticos y Caucho, S.L.

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BA 1011

Binder for rubber crushers



Applications

DESCRIPTION:

Binder resin based on polyurethane, for the manufacture of parts and surfaces of rubber crushed.

APPLICATION:

Agglomerates of rubber plaques in series and floors of playgrounds and decorative playgrounds in continuous applications in situ.

For the preparation of the superficial layers in light colors it is advisable to use the series BA 2000.

WORKING CONDITIONS:

Incorporate a minimum of 10 to 12% of BA 1011 on rubber crushing for the lower layer. The dosage will vary according to the desired particle size and compactness.

For the surface layer, incorporate between 14 and 16% BA 1011 on rubber crushed. The dosage will vary according to the desired particle size and finish.

For high-traffic pedestrian surfaces or heavy loads, consult our technical department for the application and the maximum thickness per layer.

For floorings with a thickness of less than 22 mm it is essential to apply a primer (serie BA 9000) consult our technical department the best option, according to needs.



PACKAGING AND PRESENTATION:

In metal drums with net weight of 220 kg.
In opaque plastic bottle with net weight of 25 kg.

CONSERVATION AND DURABILITY:

Store in the original unopened container at temperatures between 15 - 25 ° C in a dry and well-ventilated area.

Shelf life of this product 6 months.

For more information see technical data sheet.

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TECHNICAL APPENDIX



PHYSICAL CHARACTERISTICS OF THE PRODUCT:

Appearance:	Translucent
Density at 25°C:	1,061 ± 0,020 g/cm ³
Viscosity at 25°C:	4300 ± 200 cps
Solid particulate content:	100 %
Ignition point:	> 200°C
% NCO:	9,65 ± 0,20 %

CHARACTERISTICS FINISHED PRODUCT:

TEST	NORM	RESULT
Elongation at Break (%)	UNE 53510	---
Traction (MPa)	UNE 53510	---
Tear resistance (N/mm)	UNE 53510	---
Hardness (°Shore A)	UNE 53130	---
Density (g/cm ³)	UNE 53526	---
Abrasion (mm ³)	UNE 53527	---
Minimum time between layers		12 hours
Commissioning time at 23°C		48 hours
Complete curing at 23 °C		96 hours
Complete curing (industrial application) 160°C		12 minutes

CONDITIONS OF APPLICATION:

Prior to the application of the agglomerate, both the substrate or mold and the rubber or aggregates to be agglomerated must be properly dried and free of particles of loose dust, grease and other pollutants.

The reaction of BA 1011 starts with atmospheric moisture or with steam. At higher ambient temperatures and humidity%, the lower the reaction time.

For on-site applications:

Pour the BA 1011 onto the rubber or aggregates contained in the vessel used to make the mixture, homogenizing by a low speed mixer, or physical mixing for 2-3 minutes to achieve a correct homogenization.

In order to avoid undesired effects, direct contact with water (rain, intense spray, etc.) should be avoided during the first 12 hours of curing the resin, as this may interfere with the reaction.

Serial applications: To ensure maximum performance and quality of serial production, consult our technical department about temperature parameters, mold conditions and type of release agent (DCD 100 / S series).

Applications by spraying consult our Technical Department.

Cleaning of work utensils must be carried out with SOLVENT BA, immediately after use.

Applications



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