



BISEAL[®]

MEV

GLASS MICROSPHERES FOR ANTI-SLIP AND REFLECTIVE PAVEMENTS

DESCRIPTION

BISEAL[®] MEV are free-silica, chemically neutral, silicon-sodium-calcium solid glass microspheres suitable for dusting on a fresh coating or mixing with a transparent binders, such as resins of **MAXEPOX[®]** or **MAXURETHANE[®]** range, to provide anti-slip and safety flooring system.

APPLICATION FIELDS

- Transparent, anti-slip and safety surfaces.
- Increasing the reflectivity for pavements in car parks and garages

AVANTAJES

- Large increase in slipperiness resistance for pavements and flooring systems.
- Increases the reflectivity.
- Stable to UVA. No yellowing.
- Perfect adhesion on the fresh coatings.
- Sphericity above 80%.
- Easy to apply.
- Contains no free-silica, no risk of silicosis: Not dangerous to health.

APPLICATION INSTRUCTIONS

For use as aggregate when mixing epoxy-based or polyurethane-based formula, add **BISEAL[®] MEV** slowly and continuously on the binder and then, mix manually or preferably using a low speed drill (300-400 rpm. maximum), fitted with a disk mixer for about 2-3 minutes until achieving a homogeneous product in colour and appearance. Do not mix for prolonged period nor use high-speed mixer, which may heat the mixture or introduce air bubbles.

For use in multilayer systems, spread **BISEAL[®] MEV** immediately after applying the coat of resin, with adequate provision to cover the surface evenly without forming mounds or leaving areas without aggregate.

CONSUMPTION

For specific mixing ratios, consumptions and type of aggregate, consult the respective Technical Bulletins for products to be mixed with **DRIZORO[®] MEV**.

IMPORTANT INDICATIONS

- For specific mixing ratios, consumptions, and other information, consult the respective Technical Bulletins for products to be used with **BISEAL[®] MEV**.
- Degree of surface texture is determined by the size of sand and its consumption, as well as the consumption and number of resin coats applied. Make a preliminary test on-site to determine the degree of texture required.
- **BISEAL[®] MEV** must be completely dry before mixing or dusting on any epoxy or polyurethane coatings.
- For other uses not specified in this Technical Bulletin, further information or questions regarding the application of the product, consult the Technical Department.

PACKAGING

BISEAL[®] MEV is supplied in 25 kg bags. It is available in three different aggregate sizes:

- **BISEAL[®] MEV 0102.**
- **BISEAL[®] MEV 0203.**
- **BISEAL[®] MEV 0304.**
- **BISEAL[®] MEV 0408.**

Other aggregate sizes and packaging are available upon special request.

STORAGE

BISEAL[®] MEV has an indefinitely shelf life when is stored in its unopened and undamaged original sealed packaging. Store in a cool, dry and covered place, protected from moisture, freezing and away from direct exposure to sunlight, rain, etc.

SAFETY AND HEALTH

BISEAL® MEV is not a toxic product but is an abrasive composition. Avoid skin and eye contact and dust breathing. Use rubber gloves and safety goggles during application. In case of skin contact, wash affected area with soap and water. In case of eye contact, rinse immediately thoroughly with clean water but do not rub. If the irritation persists, seek medical assistance.

Consult the Material Safety Data Sheet for **BISEAL® MEV**.

Disposal of the product and its packaging should be carried out according to the current official regulations and it is the responsibility of the final user of the product.

TECHNICAL DATA

Product characteristics				
Base	Silicon-sodium-calcium solid glass microspheres			
General appearance and colour	Transparent, solid microspheres			
	BISEAL MEV 0102	BISEAL MEV 0203	BISEAL MEV 0304	BISEAL MEV 0408
Size, (µm)	100 - 200	200 - 300	300 - 400	400 - 800
Humidity (%)	< 1%			
Sphericity, (%)	≥ 80			
- Percentage of perfect microspheres	≥ 80			
- Percentage of grain	≤ 3			

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO®, S.A.U.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.



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