

## Product

The carefully broken, color-coated glass granulate is used, among other things, as infill material for visual indication markings on road pavements. Colors and grain size are available on customer specification.

## Product Features

- Colourfast**

The glass particles are provided with a color coating on all sides. Even when the top layer is worn away, the underlying color reflects consistently on the facets through the clear glass matrix. This makes the product permanently resistant in all weather conditions, even when using road salt.
- Roughness**

Due to the shape of the product, angular and non-porous but not sharp, it has a high skid resistance and hook resistance. The degree of roughness is ultimately determined by the grain size of the infill material, the glass granulate. Height Polishing Value (PSV).
- Low maintenance**

The strong top layer has a high crush resistance, is low-maintenance and retains its functional properties for a long time, so that the road is permanently (long-term and circular) protected against the influences of the specific environment.
- Circular**

The circular product is a high-quality recycling product, which means that CO<sub>2</sub> emissions are lower and primary raw materials are saved compared to comparable products for this application.

In addition, the product can be reused as a building material once the technical lifespan has been reached.
- Complies with BBK**

The glass granulate is environmentally friendly and complies with applicable laws and regulations (Soil Quality Decree).

## Application

ColVidro Road is used in signage marking and non-slip surface applications. The colored granulate is sprinkled or sprayed on with a resin binder on concrete or asphalt surfaces.

When applied, ColVidro Road offers a colored (marking) system with non-slip and consistent color surface. The

application in the resin binder falls outside the scope of this product sheet. Processing guidelines have been drawn up and are available for the processor.

**Table 1. Technical Data**

Size	4 dimensions: 1) <0,8 Dust 2) 0,5 – 1,0 mm 3) 0,8 – 1,2 mm 4) 1,2 – 3,0 mm
Environment	100% recycled glass and natural pigments
Weight	2500 g/dm <sup>3</sup>
Hardness	5.5-6.0 Mhs
Polishing value	79 (DV)
SRT value	70 (DV)
Bulk density	2200 g/dm <sup>3</sup>
Moisture content	< 1 %
Physical and chemical composition	100% circularly clean clear consumer glass
Acid resistant	100% insoluble
Shape	Angular, non-porous, not sharp
Compound	Amorphous Silica
LA value	LA11 (DV)

## Packaging & Storage

Available in one (1) ton big bag, on a sturdy wooden pallet or in bags/buckets of 25 KG. Store in a cool, dry place and in their original packaging. Store all packaged granules in a clean, dry location away from moisture. The shelf life is longer than 12 months.

## Safety

The color coated glass particles have no sharp edges. Handle with suitable gloves to protect against angular particles.

**The technical data supplied is correct and accurate to the best of our knowledge. We recommend that the customer evaluate these recommendations and suggestions in conjunction with their specific application. 15-04-2021**