

Product 02239000

## 2 COMP.-SELF LEVELLING COATING, ELASTIC, LOW EMISSIONS

### 1 General Data

#### Application Fields

PORPLASTIC L390 M is used for elastic sports surfaces as self-levelling coating for elastic sports floor systems. Typical uses for these high-quality systems are PEL and CEL elastic sports floorings

#### Product Description

PORPLASTIC L390 M is a solvent free, two component PU self levelling coating with outstanding elastic properties. It's usable to replace elastic mats. PORPLASTIC L390 M is easy to apply with its great viscosity. Its not necessary to use an pore sealer after the application.

#### Sports Surfacing Systems

PEL and CEL systems  
 PORPLASTIC **INDOOR PEL / CEL**  
 PORPLASTIC **TENNIS comfort pro**

#### Technical Support

For detailed descriptions of VIACOR systems see VIACOR system data sheets or contact our technical support.

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#### (A) Technical Data

##### Mixture (A+B)

1. Density (23°C) (DIN 53217)	0.75 g/cm <sup>3</sup>
2. Viscosity	ca. 3 000 mPas
3. Packing size	Comp. A: 16.9 kg Comp. B: 4.1 kg
4. Colour	whitely
5. Shelf life / Storage	12 months at 10–25°C
6. Substrate and application temperature	10-30°C (min. 3°C above dew point)
7. Can be walked on (23°C) (broadcast surface)	after 16 hours
8. Material consumption per layer per mm	0.75 kg/m <sup>2</sup>
9. Tensile strength, 2mm (DIN 53504)	1.3 N/mm <sup>2</sup>
10. Elongation at break (DIN 53504)	ca. 109 %
11. Tensile adheive strength (DIN 53504)	ca. 1.3 N/mm <sup>2</sup>

#### Manufacturer:

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**Product 02239000****2 COMP.-SELF LEVELLING COATING, ELASTIC, LOW EMISSIONS****2 Processing Instructions****Substrate Preparation**

The dry and load bearing substrate (asphalt or concrete) has to be clean and free of loose particles and substances which impair adhesion such as oil, grease, paint or other contaminants. For achieving an optimal adhesion between the PU coating and the substrate it is necessary to apply VIASOL EP-P210 as primer (imperative on concrete). The bonding strength of the substrate must be at least 1.0 N/mm<sup>2</sup>. The surface moisture of concrete should not exceed 4 % (by weight). The application of PORPLASTIC C575 should then be realized 4 – 6 hours in any case within 24 hours after the primer.

**Processing**

PORPLASTIC L390 M is supplied in the correct proportions of component A and B. The optimal processing temperature is between 15 – 23°C. Component A has to be homogenised before application. For application pour component A and B into a mixing container in the right mixing ratio. Use a slow rotating mixer rotating at approximately 300 - 500 rev/min for at least 3 -4 minutes until the blend is homogeneous and streak free.

Ensure that the mixer reaches the sides and bottom areas of the mixing vessel. Pour the mix into another clean container and mix it again for one additional minute.

Per mm thickness, 0.75kg/m<sup>2</sup> is needed.

The well mixed material is applied on the pre-treated substrate with a pin squeegee (must be set 1-2mm higher than the desired thickness of the elastic layer).

After the application the material should not be treated with water for 16 hours.

The L390 M will be gluey after curing. So please take care by applying the following layer and do not bring dirt into it.

**Cleaning**

Tools should be cleaned using VIASOL SO-X12. Never use water or alcoholic solvents as cleaners!

**Safety Instructions**

For health and safety protection, transport regulations and waste management please consider the Material Safety Data Sheet. Users are advised to wear gloves and eye protection when mixing or applying PORPLASTIC L390 M. The product is non hazardous in its cured condition. The product meets the requirements of the EC directive 2004/42/EC for VOC content.

**Disclaimer**

All information in this technical data sheet is based on our current knowledge and experience. This does not release the applicator from performing their own tests as many application factors, beyond our control, affect the application of our product. No guarantee of characteristics or suitability for a special purpose can be derived from this information. All present data, descriptions, drawings, photos, ratios, weights etc. are subject to change without prior notice and do not represent contracted characteristics of the product.

Due to different materials, sub-bases and working conditions, no guarantee of an application result or any liability claims can be derived from these details or from an unwritten technical advice except for liability claims based on:

- damage to life, body or health resulting from a negligent violation of obligations or a deliberate or negligent violation of obligation of a legal representative or assistant and
- if we are charged with intention or gross negligence.

The user has to test the products for their intended use. The user is responsible for following existing laws and orders and for observing third party trade mark rights.

As all VIACOR data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see [www.viacor.de](http://www.viacor.de) or contact us directly).

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