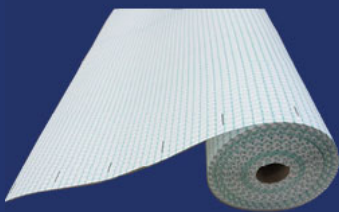


# VELOSIT® SM 841

## Heavy Duty Decoupling Membrane



### Application fields

VELOSIT SM 841 is a multilayer fabric mat used for de-coupling of floor coverings from the substrate. Typical application fields besides others are as follows:

- De-coupling of tiles, natural stones, etc. from substrates like screed, plaster etc.
- De-coupling of young still shrinking and demanding substrates
- Suitable for high loads like forklift traffic
- Suitable for heated and non-heated cement and gypsum screeds
- Interior and exterior
- For walls and floors

### Properties

VELOSIT SM 841 is a fabric mat with a 5-layer design. It is applied to the substrate with a suitable adhesive and can be covered after the adhesive bed has cured.

- Integrated reinforcement mesh
- 5-layer design
- High tear resistance
- Prevents the adhesive from penetrating the mat which results in a full decoupling
- Suitable for traffic loads of up to 7.5 t/sqm
- Green

### Application

#### 1.) Substrate preparation

VELOSIT SM 841 is suitable for mineral substrates like concrete, masonry, absorptive natural stones, gypsum boards and gypsum fibre boards, wooden substrates like OSB boards or floorboards. It is also suitable for non-absorptive substrates like old tile surfaces with suitable priming.

Substrate must be free from bond-breaking substances. Substrate preparation is described in the data sheet of the respective adhesive.

## 2.) Processing

Adhesion with of the membrane with VELOSIT TA 704, VELOSIT TA 705 or VELOSIT TA 707: Mix a suitable amount of the VELOSIT adhesive acc. the respective technical data sheet and apply a mortar bed matching the width of the membrane with a 4 mm (3/16 ") notched trowel. Push VELOSIT SM 841 immediately into the fresh mortar bed and smoothen with a trowel. Excessive adhesive may be used to smoothen the height difference between substrate and the membrane.

## 3.) Curing

VELOSIT SM 841 does not require curing. After curing of the adhesive the membrane is ready to receive tiles and natural stones.

## Estimating

The required amount is calculated based on the total area.

## Cleaning

VELOSIT SM 841 does not cause any dirt. Areas soiled with tile adhesive can be cleaned with a moist cloth.

## Quality features

Color:	gray
Dimensions:	1000 mm (40")
Thickness:	0.9 mm (36 mil)
Weight:	0.38 kg/m
Substrate temperature:	5 – 35 °C (40 – 95 °F)
Tensile strength:	470 N

## Packaging

Rolls:  
Width 1000 mm (40"), Länge 25 m (82')

## Storage

VELOSIT SM 841 can be stored in unopened original packs for 5 years at 5 – 35 °C (40 – 95 °F) in a dry storage place protected against sunlight.

## Safety

Please observe the actual valid material safety data sheet and follow the described safety measures for handling of the product.

## Recommendations

VELOSIT SM 841 is only available for professional applicators.

All described product features are determined under controlled laboratory conditions according to the relevant international standards. Values determined under job site conditions may deviate from the stated values.

Please always use the latest version of this data sheet available from our website [www.velosit.de](http://www.velosit.de).

## Manufacturer

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