



# EPI FORCEM

Heavy duty PU concrete  
floor systems for industrial use

[www.epigroup.nl/en](http://www.epigroup.nl/en)









## EPI SPECIALIST IN WALL AND FLOOR SYSTEMS FOR **INDUSTRIAL APPLICATIONS**

EPI distinguishes itself by developing innovative wall and floor systems that meet the high demands and special requirements of its customers. Our products are produced in accordance with the most modern techniques. At EPI we focus on progress. That is why we invest a lot of our resources in product development. 15% of EPI's employees are working in the R&D department and continue to develop our product range every day. For example, our Forcem floors have excellent self-levelling properties which make application easier. Forcem is odorless and therefore there is no need to disrupt operations during the application. This enables us to offer you the best solution and meeting your specific requirements.

# EPI Forcem

## Heavy-duty PU concrete floor systems for the food, chemical and pharmaceutical industry

EPI Forcem floor systems are solvent-free hybrid PU cement floors that have been specially developed to withstand high mechanical, chemical and thermal loads. Due to the long open time and excellent flow properties, EPI Forcem is easy to apply and also extremely strong. EPI Forcem floor systems are produced according to the NEN-ISO 9001/14001

### Features and benefits

- Odorless during application
- Seamless, liquid-tight, impermeable
- Fully solvent-free
- Very low emissions
- Mechanical loads possible after 24 hours
- Excellent chemical resistance
- Excellent thermal properties (-20°C to + 120°C)
- Excellent mechanical properties
- Wear resistant
- Easy to clean and maintain, also with steam
- Excellent flowing properties

### Applications

- Food industry
- Breweries
- Refineries
- Chemical industry
- Paper, wood and metal industry
- Operating rooms in hospitals
- Industrial kitchens and cooking areas
- Areas with a lot of organic and inorganic acids
- ESD, ATEX and Ex. zones
- Pharmaceutical industry

### EPI Forcem standard colors



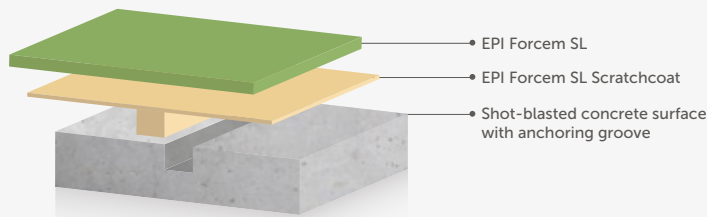
*The colors in the brochure are indicative. Feel free to request a sample.*

### EPI Forcem systems

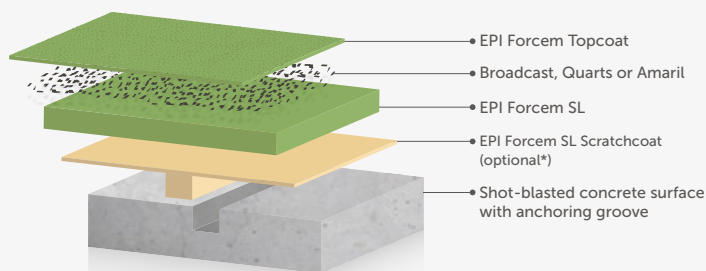
- EPI Forcem SL: cast floor available in different thicknesses
- EPI Forcem SL SR: broadcasted cast floor with increased anti-skid properties
- EPI Forcem MT: mortar available in different thicknesses
- EPI Forcem MT SR: broadcasted mortar with increased anti-skid properties
- EPI ESD Forcem SL: antistatic cast floor



## EPI Forcem SL

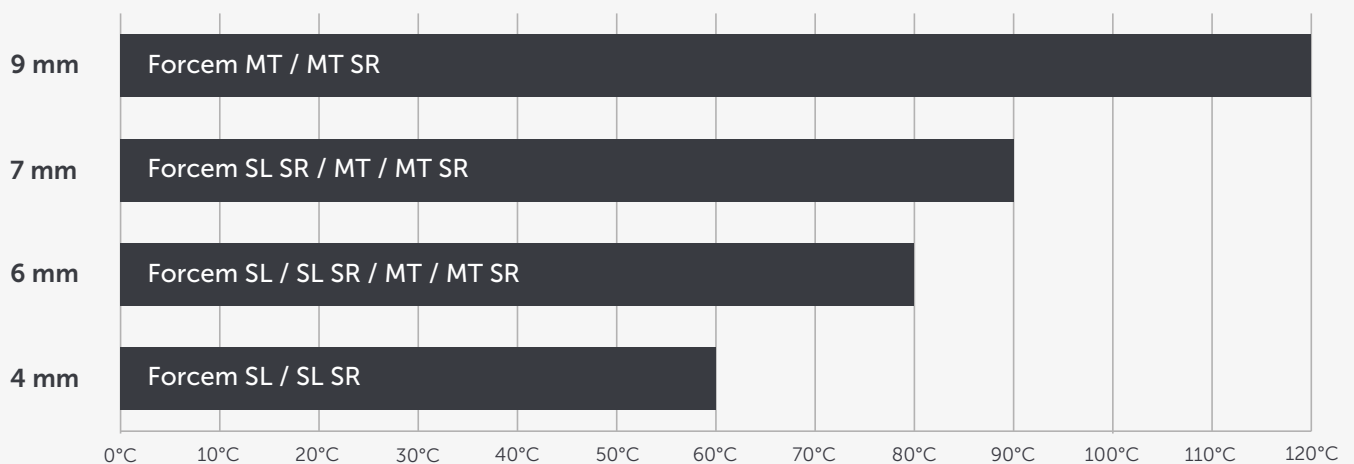


## EPI Forcem SL SR



Gloss level in GU	1-2
Scratch resistance in N DIN 55656	EPI Forcem SL: 5 EPI Forcem MT: 7-8 EPI Forcem SL SR: 7-8 EPI Forcem MT SR: 7-8
Shore D hardness	85
Impact in Nm DIN/ISO 6272	EPI Forcem MT: 10 EPI Forcem SL SR: 10 EPI Forcem MT SR: 10
R-value indication dry	11-13
R-value indication wet	11-13
SRT value dry (F96/24 slider)	60-68
SRT value wet (F96/24 slider)	45-71

## Minimal thermal resistance



## Sustainability and the environment

EPI Forcem floor systems are odorless and do not contain pine oil with xylene that can contaminate food products. All EPI Forcem floor systems have been tested by Eurofins.

• French VOC Regulation	A+	• Indoor Air Comfort®	Pass
• French CMR components	Pass	• Indoor Air Comfort GOLD®	Pass
• Italian CAM Edilizia	Pass	• BREEAM International	Exemplary Level
• BG (AgBB)	Pass	• CDPH	Pass
• Belgian Regulation	Pass	• M1	Pass

**Tested by Eurofins: report 392-2020-00219003\_A/H/I\_EN**





Do you have any questions on our systems? Our experts are ready to answer them.