

ROMEX® Automotive Coating systems



Production line

The right floor for the automotive sector is decisive for the whole quality standard of the company and their products. ROMEX® floor coatings are suitable for all production and assembly areas in the automotive industry.

System properties

mechanically highly load bearing	can be made smooth or nonslip
very high abrasion strength	elastified, can be made to bridge cracks
chemically resistant	easy to clean
dustfree	smooth, glossy or matt surfaces
for highly visually attractive requirements	can be made electrostatically conductive (ESD)
WHG system is possible (§ 19 WHG Water Household Law)	Studded/Orange peel structure possible

Cementbound surfaces

Instructions for the application of ROMEX® Automotive floor coatings

Surface preparation	The surface must be loadbearing, even, dry and free of oil, grease and dust. Loose particles and other dirt must be removed. In most cases, the surface should be shotpeened. In some cases it may be necessary to carry out grinding or milling.
Priming	Cementbound surfaces must be primed using a corresponding ROMEX® primer (according to the residual moisture of the surface).
Scraping filler / inbetween layer if required	The scraping filler / inbetween layer is applied using a one lip rubber squeegee and then rolled, or smoothed using a smoothing trowel. The mixing ratio of the filler material using quartz sand should take the local project conditions into consideration.
Topcoat	The topcoat is applied to the prepared surface using a notched trowel and then aereated using a pinfeed platen.

Dust binding coating / Sealant

Sealant	Floor surfaces that have light mechanical loads, are sealed with a dust binding sealant in 2-3 layers after proper surface preparation has been carried out.
---------	--

Application examples



Chassis-Marriage Area



Body Shop

Steel surfaces

Instructions for the application of ROMEX® Automotive floor coatings

Surface preparation	The surface must be loadbearing, even, dry and free of oil, grease and dust. Loose particles and other dirt must be removed. Metal surfaces should be treated according to the Swedish norm SA 2 ½ acc. to ISO Norm 8501-1.
Primer	The primer is applied by flooding and rubber squeegee and then rolled.
As required - filler for metal plate ends	The joints at the metal plate ends are filled using a flexible, firm 1 component PU filler mass.
Scraping filler / inbetween layer if required	The scraping filler / inbetween layer is applied using a one lip rubber squeegee and then rolled, or smoothed using a smoothing trowel. The mixing ratio of the filler material using quartz sand should take the local project conditions into consideration.
Topcoat	The topcoat is applied to the prepared surface using a notched trowel and then aereated using a pinfeed platen.

Items as required

Making the surface matt	The glossy surface can be made matt using a matt sealant, in order to significantly reduce the degree of shine and mirror effects. The surface is thus better protected against external influences.
Making the surface nonslip	In order to achieve a nonslip surface, the scraping filler / inbetween layer must be sprinkled with quartz sand with the corresponding grainsize (for details see flyer „Slip safety“ + „Research report slip safety“).
Conductive coating	ROMEX® floor coatings can be made conductive. (acc. to current ESD-Norm DIN EN 61340 part 4-1, 4-5, part 5-1/5-2)
Studded / Orange peel structure	ROMEX® floor coatings can be made with a studded or orange peel structure, this achieves a certain degree of roughness without having to use quartz sand.
Markings	ROMEX® lining and marking paint can be applied to any ROMEX® floor coating. Numerous variations in colour are available to ensure order and safety.

Detailed specifications for sale for newbuilds and repairs are available on request.

Application examples



Markings



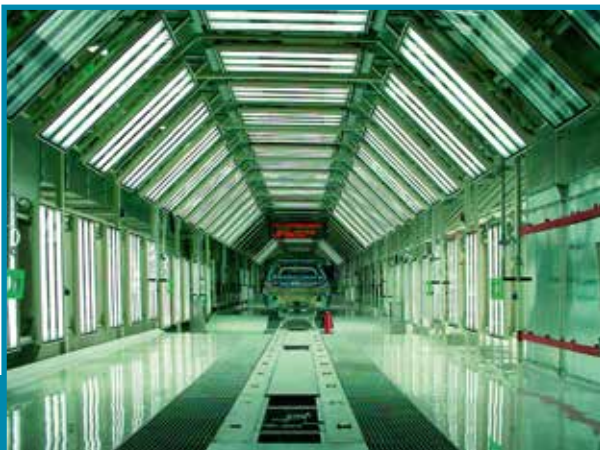
Nonslip

References:

ROMEX® products mean controlled production, application and measuring exclusively by ISO-certified quality management and ROMEX® certified trade companies. Further ROMEX® products for all industrial and production areas are offered worldwide by ROMEX® partners.



Final Assembly Shop



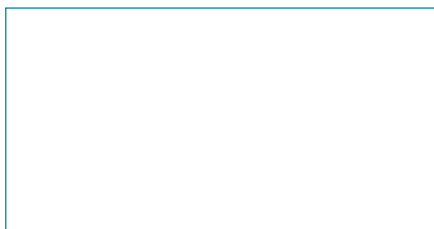
Paint Shop



ESD coating

ROMEX® MB GmbH

Weidesheimer Str. 17
 53881 Euskirchen
 Tel.: +49 22 51 / 94 12 10
 Fax: +49 22 51 / 94 12 116
 E-Mail: info@romex-mb.de
 Internet: www.romex-mb.de



ROMEX® partners, representatives and subsidiaries can be found worldwide. Call us, we are happy to advise you!