

PROPERTIES according to European EN 1436 standard	NUMBER OF WHEEL PASSAGES (millions)						
	0,1	0,2	0,5	1	2	3	4
WEAR RESISTANCE %	100	100	100	100	100	100	100
ANTI-SKID (UNIT- SRT)	49	47	45	43	43	43	43
NIGHT VISIBILITY R_L (mcd · m ⁻² lx ⁻¹) – DRY	437	452	487	479	514	503	501
NIGHT VISIBILITY R_L (mcd · m ⁻² lx ⁻¹) – WET	151	165	123	185	76	72	61
DAY VISIBILITY Q_d (mcd · m ⁻² lx ⁻¹)	269	258	261	258	261	260	259
Standard colour value - coordinates	x = 0,326			y = 0,345			

Application

Edge the zone to mark with adhesive tape. Pour the mixed material and with a rubber roller even out the layer of product without working too much. If too much is applied, the surface will tear and no longer harden. Apply the glass microspheres (350-400 g/m²) over to have immediate night visibility and remove the adhesive tape before the product hardens. The surface should be free of dust, oil and anti-freeze salts. According to laboratory testing, applying 1.7 - 2.0 kg/m² of product with a roller with the addition of 500 g/m² of quartz granules, a value of 50-52 S.R.T. is achieved and exceeded. (the data is conditioned by the type of roller, the type of application and the type of tarmac).



PSR

Product Service Road

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ROBUR R

Bicomponent painting system with a methyl methacrylate base for long-lasting horizontal marking and for heavy traffic areas.

Highly visible at night, High non-slip properties, Easy roller application

Average performance

- 2 kg./mq - thickness 1.500 micron
- 3 kg./mq - thickness 2.000 micron

Transitability 20 minutes at 25°C

Dry residue 99% approx

ROBUR EXTRA

- More elastic version
- Better spreading
- Slower drying and variable catalysis

ROBUR SELF-LEVELLING

- Even smoother and more fluid version
- Better spreading
- Easy application even in summer at high temperatures

CLASSES ACHIEVED ACCORDING TO STANDARD EN 1436

- | | |
|--|------|
| • Skid resistance | S 1 |
| • Dry marking night retroreflectivity | R 5 |
| • Night retroreflectivity in wet conditions | RW 3 |
| • Coefficient of luminous intensity with diffused lighting | Q 5 |
| • Transitability | T 3 |

CERTIFICATE BAST 2011 1DK02.18

After 4 million passages, it complies with all the values set by EN 1436 legislation even in wet road or rainy conditions

PRODUCT CERTIFIED BAST

ROBUR R PLASTIC

System designed

- Marking system

Type II – permanent horizontal marking system type II (exceeds the retroreflection values required by EN 1436 legislation even in wet road or rainy conditions, see table next page)

Marking material

- Manufacturer
- Name of material
- Thickness of wet film
- Mixing ratio

Vernisol S.p.A.
Robur R
1500 micron
100/1 (1 % catalyser for Robur R)

Microspheres

- Quantity
- Manufacturer of microspheres
- Identification
- Anti-skid material
- Type

g/mq 450
Potters
1.800 – 400 AC 05, particle size 1.700-425
in a mix containing microspheres 65:35
Small grain

Values measured

- Traffic class required
- Traffic class achieved
- Drying time (min)

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