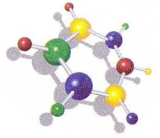


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DEVELOPMENT



PRODUCTION



SPECIFICATION



INSTALLATION

ROADCOAT GmbH
EN ISO 9001

ROADCOAT CENTRO

PROTECTIVE DRIVING SURFACE

PERFORMANCE TECHNICAL DATA

An attractive and extremely tough, wear resistant driving surface for heavily trafficked driving surfaces, ramps, turning areas and exits/entrances.

It provides long term protection against deterioration through wear, moisture, salts, chemical and gas intrusion as well as freeze/thaw damage.

ROADCOAT CENTRO fulfilling the long term requirements for pedestrian and vehicle slip/skid resistance. Enhanced **Non-Slip** as required.

Track Record since 1966 including bridge deck driving surfaces

Concrete and Asphalt > 3,000,000 sqm

Steel and Aluminium > 1,500,000 sqm

System Properties

Protects the structure
Absolute adhesion
Exceptional wear resistance
Anti-Skid Anti-Slip
Resists contaminants
Easy to repair if damaged

An aesthetic upgrade
Any colour(s) possible
Easy to clean
Non-Glare
Permanent marking &
Floor signage available

Standard Colours

Dusty Grey RAL 7037 Traffic Blue RAL 5017 Signal Yellow RAL1003
Anthracite RAL 7016 Traffic Green RAL 6024 White

Wear Resistance:

At 1.5mm thickness still fulfilling the required functions as a non-slip, corrosion protective driving surface on amphibious bridges after 9600 passes of a 50t Leopard II TANK during 17 months of NATO field tests. The standard driving surface on such NATO bridges since 1976.

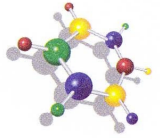
Used at 0.8 mm thickness for NATO light weight aluminium and reinforced polyester amphibious bridges after further field testing.

Chemical Resistance

To petrol, diesel, oils, battery acid, break fluid, salts, urea, soaps, detergents



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ROADCOAT **CENTRO**

PROTECTIVE DRIVING SURFACE

PERFORMANCE TECHNICAL DATA



DEVELOPMENT

Skid Resistance

EN 1504-2 Class III

CENTRO > 55 SRT wet tested

CENTRO ENS > 75 SRT wet tested



PRODUCTION

Flammability

Flame self-extinguishes within 60 seconds – DIN 4102

Adhesion to Concrete

After 50 cycles +60C/-20C with de-icing salt the adhesion was 1.6N/mm²

Protection against Carbonation

From Test Report 50957/427, Dortmund University Bauphysik

“in respect to corrosion protection of reinforcing steel, the carbonation of concrete will have been retarded sufficiently if a protective layer is applied which has a diffusion resistance to carbon dioxide of at least sD 50 m

ROADCOAT- 300 grey @ 0.74 mm sD > 200 m

So that....at thickness as tested....a sufficient carbonation stop is effected.”



SPECIFICATION

Quality Control

ROADCOAT **CENTRO** will fill and bond the normal shrinkage cracks which are present when the system is applied.

All ROADCOAT MATERIALS are developed and manufactured to EN ISO 9001, valid since 1994 and audited by the Construction Materials Testing Laboratory of the Technical University of Munich.



INSTALLATION

Perf. Tech Data RC **CENTRO** Rev 8

ROADCOAT GmbH
EN ISO 9001

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