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ACME PANELS® PANELS General Technical Data

Description

ACME PANELS® PANELS & TREADS are a range of made-to-order anti slip decking systems, engineered to fit a wide range of applications – from simple structures around machinery to complex bridge and platform constructions.

Features include:

- | | |
|---|--|
| • Choice of colours | • Chemical and stain resistant |
| • Anti slip surface | • Light weight |
| • Choice of panel thickness | • Non-conductive |
| • Impact resistant | • Tough and durable |
| • Manufactured under BS EN ISO 9001 Quality controlled conditions | • Quick installation – minimal down time |

Suitable surfaces for applications include:

- | | |
|-----------------------------|----------------|
| • Work platforms | • Stairways |
| • Open mesh catwalks | • Workstations |
| • Ramps | • Walkways |
| • Checkerplate | • Footbridges |
| • Problem concrete surfaces | • Loading bays |

Technical Data (Typical)

Description:	Anti slip safety flooring panels & treads
Grades:	Various grades available, from heavy vehicular to light pedestrian
Standard colours:	Black ,Grey and Yellow
Edge detailing:	2”(50mm) & 3”(76mm) Sight lines in white or yellow (optional extra)
Appearance:	Semi gloss
Overall Thickness:	8.5 to 75mm depending upon specification
Applications:	Internal or external
Chemical resistance:	Mineral acids, dilute alkalis, detergents, alcohol, petrol, paraffin, white spirit, vegetable oils, diesel, lubricating oils and greases.

ROCOL Site Safety Systems

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 A Division of ITW Ltd. Registered Company No. 559693 VAT No. 742 0530 69
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Our technical department can give specific advice where required.

Typical Panel Weight Kg/SqM: (Based on 12mm substrate)	Ref: 16 - 11.4 Ref: 21 - 12.7 Ref: 23 - 10.4 Ref: 24 - 20.4 Ref: 26 - 17.9
Service temperature:	-20 to +80°C
Weathering resistance ASTM G-53:	Excellent
Impact resistance:	Panels do not chip or crack under impact from a 0.9Kg steel ball dropped from a height of 2.4m
Anti slip wearing course: BS 812	Mohs Hardness 9 Abrasion value 1.9 Polished stone value 70
Design Life:	+10 years

TYPICAL TRL SLIP RESISTANCE VALUES

Pendulum method (WF rubber slider)

SURFACE REFERENCE	DRY	WATER	OILY
16	95	86	83
21	97	86	78
23	96	89	88
24	99	84	88
26	97	93	97

Installation

ACME PANELS® PANELS & TREADS are specifically designed to be used for both renovation of existing surfaces (overlay) and unsupported areas (load bearing).

ACME PANELS® PANELS & TREADS can be supplied with all fixings, approved sealant and coded

installation details. The heads of the fixings are also sealed with colour matched epoxy resin to prevent moisture ingress and improve the security and overall appearance of the panels.

ROCOL Site Safety Systems recommend that installation be carried out by one of our approved contractors. Fully experienced in all the different fixing techniques used to

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secure the panels, they will ensure that the durability of the panels & treads is not compromised by incorrect installation. However, we can also provide initial site supervision to customers wishing to install themselves, depending upon the size and complexity of the project.

For further advice on installation please contact our customer service department.

Maintenance

ACME PANELS® PANELS & TREADS

should be regularly cleaned to prevent the accumulation of oil, grease, dirt and other contaminants on the walking surface, which may reduce the anti slip properties. To clean use either of the following methods.

1. Warm water with a mild detergent and a strong bristled brush.
2. Pressure jet cleaning (A maximum pressure 1000 psi (68 bar) and temperature of 80°C is recommended to avoid damage to the wearing course).

After cleaning, the surface should be thoroughly rinsed with clean water and left to dry before allowing back into service.

Whilst **ACME PANELS® PANELS** have a high resistance to solvents, oils and chemicals, it is not recommended that these substances be used as cleaning agents.

Accidental spillages of such substances should be immediately

removed using either of the cleaning methods above.

Mops are not recommended due to the abrasive nature of the anti slip surface.

Health & Safety

Due to the abrasive nature of the panels and treads, gloves should be worn when handling.

For specific advice regarding this product please contact:

ROCOL Site Safety Systems, ROCOL House, Swillington, LEEDS LS26 8BS
Tel: **0113 232 2600** www.rocol.com
Technical Helpline: 0113 232 2840

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