

for Flooring & Paving - Protects, preserves, Colours, Enhances, Hardens



PRODUCT DESCRIPTION

Adseal Eco Friendly is a hard wearing, water based, high solids PU/acrylic Hybrid offering the resistance and strength of PUs along with the ease of installation afforded by acrylics. Designed to seal & protect a wide range of surfaces e.g. Plain or exposed aggregate Concrete, Stone, Slate, CBP, Clay pavers, etc..

Adseal Eco Friendly can also be applied to damp surfaces e.g. same day seal as wash off on new PIC

THE SYSTEM

SPECIAL PROPERTIES.

For external & internal use Adseal Eco Friendly, when cured, is a colourless & UV stable single component, low viscosity product with fast cure enabling rapid installation and early re-use of facility.

Increased impact & abrasion resistance maintains, and arguably increases, performance life of pavement and can yields significant 'whole life' cost savings.

Its unique formulation make it easy to apply and achieve an even, uniform, and seamless finish.

Adseal Eco Friendly can also be applied to damp surfaces e.g. same day seal as wash off on new PIC

A major feature is its low odour [slightly ammoniacal] making it ideal for use in food preparation areas, restaurants, etc..

MAIN APPLICATIONS

DRIVEWAYS AND ROADWAYS
CARPARKS AND RAMPS,
FOOTWAYS & PEDESTRIAN PRECINCTS
FOOD PREPARATION & PROCESSING AREAS
HOTELS, GOLF CLUBS, ETC.

PERFORMANCE

Medium to heavier trafficked areas.

With correct maintenance and depending upon surface type, potentially 10 years plus*. Externally colour will remain for 1 – 2 years although protective effect will remain for longer, potentially 4 – 6 years, depending upon surface type.

*Care should be taken to implement published routine maintenance procedures to ensure maximum performance.

FEATURES/BENEFITS

- Single component - spreads easily, cures quickly for rapid re-use of facility
- Superior moisture resistance aids year round use
- Higher strength & better chemical resistance than traditional sealers
- Stops oil & other stains & incorporates a UV filter
- Improved impact & abrasion resistance prolongs performance life reducing whole life cost
- Reduces and eases routine maintenance
- Ease of future refurbishing without the need to strip
- Satisfies requirements of Local Agenda 21

TECHNICAL DATA

Coverage:	8 – 10 m ² per litre per coat depending on surface porosity
Application Temperature:	min +5 ^o C max + 25 ^o C
Cure rate:	foot traffic 3 hrs, vehicular 36 hrs
UV resistance:	excellent
Boiling point:	100 ^o C
Storage:	under cover and protect from extremes of temperature
Shelf life:	18 months unopened
Packaging:	5 litre & 15 litre
Shipping:	Not classified for transport
Equipment Cleaning:	Use water immediately after application or, if hardening, Adseal Solvent cleaner in a well ventilated area.

USE WITH

- Low slip additives

LIMITATIONS

Engineering bricks, highly polished & glazed surfaces.

APPLICATION

Use as supplied without thinning down.

Surfaces should be clean, dry & free from oil, grease, dust, laitance and any other deleterious materials.

Do not apply in temperatures below 5⁰C or above 25⁰C and should not be subjected to extremes of temperature until completely dry.

It is important to undertake a representative test area to ensure that the product is suitable for your requirements prior to commencement of the project and assessed for final appearance, chemical resistance and wet & dry slip resistance. This is particularly important where the surface has previously been sealed.

Application is normally single coat and should ideally be by an airless sprayer but application by brush or roller is also suitable [see detailed installation instructions]. During application care should be taken to protect adjacent areas & equipment from overspray.

The surface should be sectioned off to assist accurate coverage. Apply maintaining a wet edge but do not allow to puddle.

Under normal conditions it will be touch dry within 1 - 2 hours at which time a second coat may be applied and the area may be lightly trafficked after 24 hours.

The above to be read in conjunction with the detailed Installation Instructions Sheet and the current Safety Data Sheet available as a hard copy or to download from www.adseal.info

SPECIFICATION CLAUSE

'The designated surface shall be sealed with Adseal Eco Friendly Sealer at a rate of 8 - 10 square metres per litre per coat as supplied by Adseal, Units 17 - 18 Raikes Clough Industrial Estate, Raikes Lane, Bolton, BL3 1RP. The sealer should be applied with an approved airless sprayer and all work carried out in accordance with the suppliers current 'Safety Data Sheet' 35 and 'Installation Instruction Sheet' 35.

OR

'The designated surface shall be sealed with Adseal Eco Friendly Sealer at a rate of 8 - 10 square metres per litre per coat as supplied by Adseal, Units 17 - 18 Raikes Clough Industrial Estate, Raikes Lane, Bolton, BL3 1RP. The sealer should be applied with an approved airless sprayer and all work carried out by an Adseal 'Approved Installer'.

TECH SUPPORT

We have extensive practical expertise and technical knowledge to share with you. Whether you are sealing for the first time, or an experienced installer or professional Specifier with a technical query, please call us on +44 (0) 1204 523973 or email: support@adsealcontracts.co.uk - we are here to help

PROPERTIES

Tensile Strength (MPa)	16.3
Elongation (%)	352
Specific Gravity (at 20°C)	0.86 - 0.88
Resin Solids Content (%)	Not exceeding 30%
Appearance	Milky Liquid,
UVa Stable	Yes
Free Isocyanate Monomer	n/a
Rate of Cured Film Hardness (Sward)	51 (24 Hours), 64 (1 Week) @20°C
Viscosity (at 25°C mpa.s)	<20-50cPs
EEC Hazard Identification	No significant hazard
UN Number and Shipping Class	Not classified for transport

HEALTH & SAFETY

As with all chemicals care must be taken when handling and in use. However, Adseal Eco Friendly is classified as presenting **no significant hazard**.

Wear appropriate protective clothing.

A mask of recommended type is advised when working close to the surface [e.g. when using paint brush] or working internally.

MAINTENANCE

Sweep regularly to remove abrasive dirt and grit from surface and rinse down weekly using a mild detergent if required. Spills and marks should be wiped up as soon as possible and not allowed to dry on. Heavy stains can be removed using ADSEAL Orange Degreaser.

Should signs of wear appear a maintenance coat can be applied. Clean and thoroughly dry surface to be treated. Apply single 'tight' coat. There is no need to strip unless resin build up or blemishes are an issue.

Can be over-coated with our solvent based range - please contact our Tech dept. for advice