

For Flooring & Paving - Protects, Preserves, Enhances, Colours, Hardens



### PRODUCT DESCRIPTION

A decorative aggregate bound overlay system, which can be used internally or externally, utilising a two part epoxy binder comprising surface primer, binding resin and surface sealer.

The aggregate when mixed with the resin binder is overlaid onto a rigid substrate to produce an attractive 'gravel' look without the loose aggregate and associated maintenance.

### THE SYSTEM

#### SPECIAL PROPERTIES.

The system affords rapid installation and is designed to be overlaid on a sound, hard, firm substrate [usually concrete].

By using an overlay the mess, upheaval & cost of excavation & relaying is avoided and the area is quickly back in use.

It is easy to apply and achieve a uniform, seamless finish and affords excellent underfoot grip

A wide range of aggregate colours and sizes offer flexibility of design & variety of texture.

The resins have excellent adhesion properties and strengths in excess of concrete in compression, tension & flexion.

#### MAIN APPLICATIONS

WALKWAYS, STEPS & RAMPS  
FOOTWAYS & PEDESTRIAN PRECINCTS  
TREE PITS  
SWIMMING POOL SURROUNDS  
HOTELS, GOLF CLUBS, ETC.

#### PERFORMANCE

Medium trafficked areas.

With correct maintenance and depending upon surface type, potentially 15 years plus\*. Externally the sheen will remain for 1 – 2 years without reducing integrity and should be 'refreshed' by the application of a seal coat [see MAINTENANCE].

#### LIMITATIONS

The efficiency of the system depends on the condition and preparation of the substrate which must be hard, firm and capable of taking loads & temperature variations without moving or flexing.

#### EQUIPMENT CLEANING

Use Adseal solvent cleaner in well ventilated area.

### FEATURES/BENEFITS

- Attractive 'natural' appearance without loose aggregate
- Quick to install for rapid re-use of facility
- Excellent underfoot grip [can be used as a low slip screed]
- Strengths in excess of concrete in tensile, compressive & flexural strengths
- Incorporate logos, names, signs, etc
- Hard wearing and easily maintained
- Wide range of aggregate sizes from 0.7mm - 8mm combined with a comprehensive range of natural & coloured aggregates allow design freedom



### TECHNICAL DATA

- Coverage: Pack will cover approx 3.5m<sup>2</sup> at 10mm thick depending upon surface profile
- Pack contents: Resin supplied in 3 packs labelled Primer, Binder and Sealer for mixing with 2 x 25kg bags aggregate
- Application Temp: min +5°C max + 25°C
- Temperature: Cure rate foot traffic 12 hrs, vehicular 48 hrs, full cure 7 days
- Flash point: Binder & primer 101°C, Sealer 45°C
- Storage: Under cover and protect from extremes of temperature
- Shelf life: 18+ months unopened
- Shipping Spec: Packaging group III

### STANDARD EXTERNAL COLOURS



### INTERNAL COLOURS

A wide range of standard & bespoke colours to order.

## APPLICATION

Surfaces should be clean, dry & free from oil, grease, dust, laitance and any other deleterious materials. The efficiency of the overlay system is dependent upon the integrity, preparation and priming of the substrate.

Do not apply when rain expected or in temperatures below 5°C or above 25°C and do not subject to extremes of temperature until completely dry.

**Primer:** Thoroughly mix part 'A' with part 'B' until homogeneous. Apply to substrate and brush well in. Apply binder & aggregate mix while the primer is still tacky [between 15 mins & 2 hours after priming].

**Binder:** Thoroughly mix part 'A' with part 'B' until homogeneous BEFORE adding to the aggregate in an approved 'forced action' mixer [cement mixers do not blend adequately]. Mix until a uniform consistency is obtained. Apply to the primed substrate, spread evenly to the required thickness and steel trowel to a uniform finish [see detailed installation instructions].

The surface should be sectioned off to assist accurate coverage.

**Sealer:** A two pack sealer is be applied by brush, roller or solvent resistant airless sprayer, 24 hours after completion of laying

**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](http://www.adseal.info)**

## SPECIFICATION CLAUSE

*'The designated & prepared substrate shall be overlaid with Adseal Resin Bound Stone as supplied by Adseal, Units 17 – 18 Raikes Clough Industrial Estate, Raikes Lane, Bolton, BL3 1RP. All work carried out in accordance with the suppliers current 'Product Information Sheet' and 'Installation Instruction Sheet'.*

OR

*The designated & prepared substrate shall be overlaid with Adseal Resin Bound Stone as supplied by Adseal, Units 17 – 18 Raikes Clough Industrial Estate, Raikes Lane, Bolton, BL3 1RP. All work shall be 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@adseal.info](mailto:support@adseal.info) - we are here to help

## PROPERTIES

Pot life (at 20°C)	45 minutes
Specific Gravity (at 20°C)	1.06 - 1.70
Resin Solids Content (%)	75 -100%
Appearance	Light yellowish liquid
Odour	Mild epoxy
Foot traffic (at 20°C)	24 hours
Full cure (at 20°C)	7 days
Chemical resistance	Good
EEC Hazard Identification	Xn Harmful, Xi Irritant

## HEALTH & SAFETY

As with all chemicals care must be taken when handling and in use. In its uncured state this product can be considered a hazardous material. Once fully cured it can be considered innocuous.

No smoking or naked lights as product is flammable and ensure area to be treated is well ventilated. If public access allowed, erect NO SMOKING signs & site fire extinguishers .

Wear appropriate protective clothing.

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

Read Safety data Sheet before commencing works.

## MAINTENANCE

Externally sweep regularly to remove abrasive dirt and grit from surface and rinse down weekly using a mild detergent if required.

Internally clean with 'wet & dry' vac regularly

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.

An additional sealer coat should be applied after 12 months and again after 24 months of installation and thereafter as signs of wear appear

Clean and thoroughly dry surface to be treated. Apply single 'tight' coat which will cross link into earlier sealer coats .