

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

**TECHNICAL DATA**  
**TD 71**



### PRODUCT DESCRIPTION

Adseal InvisiSeal is a hard wearing, water based, impregnating polymer. Designed to protect a wide range of surfaces e.g. Stone, Slate, Travertine, Plain or exposed aggregate Concrete, CBP, Clay pavers, etc., from oil, water, grease, etc., in fact most unglazed surfaces horizontal & vertical.

InvisiSeal provides a durable, transparent protective barrier without changing the colour or texture of the surface

### THE SYSTEM

#### SPECIAL PROPERTIES.

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

A major feature is its low odour and its unique formulation make it easy to apply and achieve an even, uniform, and seamless finish.

It is a 'breathable' product preventing moisture entering but allowing moisture out

#### MAIN APPLICATIONS

NATURAL STONE PATHWAYS  
CHURCH & CATHEDRAL AISLE FLOORS,  
FOOTWAYS & PEDESTRIAN PRECINCTS  
PROTECTION & DAMPROOFING WALLS  
STATUARY, STONE BALUSTRADING  
HOTELS, GOLF CLUBS, ETC.

#### PERFORMANCE

Medium trafficked areas.

With correct maintenance and depending upon surface type, potentially lifetime as the treated surface will retain its protective qualities until the surface itself wears off [which could be many years] when repeat treatment can be carried out.

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

### FEATURES/BENEFITS

- Invisible even after ageing
- 'Breathable' technology
- Single component - for rapid re-use of facility
- Superior moisture resistance aids year round use
- Stops oil, grease & other stains
- Reduces and eases routine maintenance
- Ease of future refurbishing without the need to strip

### TECHNICAL DATA

Coverage:	8 – 10 m <sup>2</sup> per litre per coat depending on surface porosity
Application Temperature:	min +5 <sup>0</sup> C max + 25 <sup>0</sup> C
Cure rate:	foot traffic 3 hrs, vehicular 36 hrs
UV resistance:	excellent
Boiling point:	100 <sup>0</sup> C
Storage:	under cover and protect from extremes of temperature
Shelf life:	18 months unopened
Packaging:	500ml, 1 litre & 5 litre containers
Shipping:	Not classified for transport
Equipment Cleaning:	Use water immediately after application or, if hardening, Adseal Solvent cleaner in a well ventilated area

### LIMITATIONS

Engineering bricks, highly polished & glazed surfaces.

### 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](mailto:support@adsealcontracts.co.uk) - we are here to help

**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 5°C or above 25°C 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.

Previously sealed or waxed surfaces must be completely stripped before application.

Apply in single coat ideally using an airless sprayer but application by brush or roller is also suitable. During application care should be taken to protect adjacent areas, equipment, etc., from overspray.

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

Apply sufficient product to keep the surface wet for 5 - 10 minutes, top up as necessary, then wipe off any surplus.

Area may be lightly trafficked after 24 hours.

The above to be read in conjunction with the current Safety Data Sheet 71 available as a hard copy or to download from [www.adseal.info](http://www.adseal.info)

**SPECIFICATION CLAUSE**

*'The designated surface shall be coated with Adseal InvisiSeal Protector 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 sufficient to keep the surface wet for 5-10 minutes. Top up as necessary, then wipe off any surplus and all work carried out in accordance with the suppliers current 'Technical Data Sheet 71'.*

OR

*'The designated surface shall be coated with Adseal InvisiSeal Protector 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 sufficient to keep the surface wet for 5-10 minutes. Top up as necessary, then wipe off any surplus. All work carried out by an Adseal 'Approved Installer'.*

**PERFORMANCE**

InvisiSeal was compared to competitors solvent based sealer and to untreated surfaces.

Corn oil, Italian dressing, ketchup, mustard, grape juice & coffee juice was applied to limestone & terracotta. After 24 hours the surfaces were washed with a mild detergent and allowed to dry.

The remaining stains were rated 0 - no stain = excellent to 4 - heavy stain = very poor

Treatment	Oil Repellency	Water Repellency	Stain Resistance
InvisiSeal	Excellent	Excellent	Excellent
Solvent based	Good	Excellent	Good
Untreated	None	None	Very poor

**PROPERTIES**

Appearance	Clear to slightly hazy yellow
Stability	Stable at normal temp, perishable if frozen
Active solids, %	15-30
Density, g/mL	1.06
Flash point	Not flammable
Boiling point	100°C
Freezing point	0°C

**HEALTH & SAFETY**

As with all chemicals care must be taken when handling and in use. However, Adseal InvisiSeal 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 as 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 moisture penetration appear clean down affected area and allow to dry. Then apply sufficient product to keep the surface wet for 5 - 10 minutes after which wipe off any surplus.

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