



#### PRODUCT DESCRIPTION

ADSEAL® Colour Release is a ready to use, coloured, powder material used as a bond breaker to prevent imprinting mats and rollers adhering to newly placed concrete.

It is also used to create antiqued or variegated effects emulating the variations in colouration and graining in natural stone by using one or more colours to contrast with the underlying colour hardened surface

#### FEATURES/BENEFITS

- Ready to use dry shake application
- Available in a range of 4 standard colours
- Custom colours made to order
- Packaged in 10kg plastic container
- Colour consistency guaranteed
- Quality Assured to BS EN ISO 9002
- Pigments used conform to BS 1014 and DIN 53 237

#### USE WITH

- Adseal Colour Hardener
- Adseal Concrete Sealer,
  - or Adseal Heavy Duty Sealer
  - or Adseal eXtreme Sealer
  - or Adseal Matt finish water based Sealer

#### TECH SUPPORT

We have extensive practical expertise and technical knowledge to share with you. Whether you are using our products for the first time, or an experienced installer or a 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

#### TECHNICAL DATA

- UV resistance: Excellent
- Storage: Under cover, off the floor, unopened, in a dry, frost free environment.
- Shelf life: Approximately 12 months if correctly stored
- Packaging: 25kg moisture resistant bags
- Shipping Specification: No significant hazard

#### APPLICATION

Ensure that the working area is roped off to exclude pedestrian and vehicular access before commencing any work.

**Adseal Colour Release** should be applied after the concrete has received the final trowel and prior to imprinting. It should not be applied in windy or wet conditions due to the fine nature of the powder. A light, even coverage over the whole of the concrete surface is all that is necessary, taking care to ensure that the whole area is adequately covered. Imprinting mats or rollers are then applied to achieve the final pattern. If insufficient release is used, the imprinting mats will adhere to the underlying concrete and create a poor finish. Too much release may diminish the pattern detail and will be harder to remove later. Prior to application, an on-site sample should be made and tested to achieve the final, approved finish.

It is important that the concrete surface is sufficiently 'plastic' to hold the release. If the concrete is too soft, an excessive amount of release will become embedded into the surface and the predominant colour of the finished slab will be that of the release. Throughout the whole process of laying coloured concrete, the specific working area should be protected from adverse weather conditions.

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## APPLICATION Cont'd

When the concrete has cured sufficiently to withstand possible damage, the excess release should be removed using either a pressure washer or hose pipe and brush. This should be a minimum of 2 – 7 days but will be dependent on atmospheric conditions. The appearance of the finished slab can be controlled by the amount of release agent removed during the washing off process. Care should be taken to control the run-off; it must not be allowed to flow onto nearby surfaces, or into the main drainage system.

A small area should be tested to verify the concrete strength and establish a technique before washing off the whole area.

The area should not be opened for use until the surface has been fully sealed. **Adseal Concrete Sealer**, a solvent based, acrylic polymer is the only recommended compatible product for sealing coloured, imprinted concrete. For further information on this product refer to **Technical Data Sheet TD12**. In high temperature zones **Adseal Heavy Duty** should be considered. This is a high grade sealer and further information on this product is available in **Technical Data Sheet TD24**.

**APPLICATION FOR ANTIQUED FINISHES**

To achieve an aged or antiqued appearance or to emulate the subtle colour variations which occur in stone or other natural materials one or more contrasting release colours may be used. It is useful to make an on-site trial panel and experiment until the desired effect is achieved. Generally the chosen release colour should be a darker colour than the underlying colour hardener.

**CURING AND SEALING**

Do not cure colour hardener concrete with plastic sheeting, hessian, curing waxes or similar products, as these will have adverse effect on the colour.

Concrete surfaces with variegated colours, including those where a contrasting colour release has been used, should be cured using non-staining curing paper. **Adseal Colour Release** alone is not sufficient as a curing membrane.

## APPLICATION Continued

**CURING AND SEALING** [CONT'D]

The concrete should be sufficiently cured before application of **Adseal Concrete Sealer** or **Adseal Heavy Duty Sealer**, to minimise the likelihood of salts migrating to the surface and being trapped beneath the sealer.

For optimum results, two coats should be applied at a rate of 6 – 8 square metres per litre, per coat. **Adseal Concrete Sealer Technical Data Sheet TD12** or **Adseal Heavy Duty Sealer Technical Data Sheet TD24** must be referred to full instructions before using either product.

Uniform, single colour surfaces, should be sealed with **Adseal Heavy Duty Sealer** in a matching colour in two coats, at a rate of 6 – 8 square metres per litre, per coat. **Technical Data sheet TD24** must be referred to for full instructions before using this product.

## MAINTENANCE

Colour Hardener concrete surfaces finished with either **Adseal Concrete Sealer** or **Adseal Heavy Duty Sealer** require minimal maintenance, depending on the nature and specific use for the floor. Spills should be removed as they occur and the floor may be scrubbed and hosed down with an approved proprietary neutral detergent. Rotary floor cleaning machines may be employed.

Further maintenance coats of sealer should be applied as and when necessary. This will be determined by the degree of trafficking the floor is subjected to.

For further information on maintenance, please refer to **Adseal Concrete Sealer Technical Data Sheet TD12** or **Adseal Heavy Duty Sealer Technical Data Sheet TD24**.