DAMP SEAL
EPOXY BASED DAMPNESS CONTROL COATING

RESSICHEM®
adding life and value to your property

Damp Seal is an epoxy-based dampness protective coating over masonry, cementitious surfaces, wood, and metal. It is an ideal epoxy coating sealer for the protection of the surfaces against moisture and corrosion. **Damp Seal** is ideal for areas with rising dampness of water from natural ground level.

ADVANTAGES

- Applicable over a variety of surfaces.
- Easy to apply.
- Ideal for rising dampness surfaces.
- Corrosion resistant medium for metal.

TECHNICAL DATA

Component	Three: Part A: Base Part B: Hardener Part C: Diluent
Mixing Ratio	Part A: 0.82 Parts Part B: 0.29 Parts Part C: 0.14 Parts
Mixed Form	Liquid
*Pot Life @ 25°C	35 minutes ± 10 minutes
*Gel Time @ 25°C	70 minutes ± 10 minutes
*Drying time @ 25°C	4 to 5 hours
*Full Cure	7 Days
*Application temperature	+5°C to 40°C
Bond Strength	1.5 N / mm^2
Service Temperature	+5°C to +70°C

***Typical results under laboratory conditions**

SURFACE PREPARATION

All loose particles from the surface shall be cleaned prior to the application of **Damp Seal**. Excessive rust over metal should be removed either via mechanical means or by using appropriate rust removing chemicals. For reinforced steel, it is important to check the thickness of the steel. Further reinforcement may be added if required. For areas of rising dampness, it is essential that the paint that has been flaked off should be thoroughly removed using an appropriate paint remover or proper sanding. No paint should be left onto the surface of the cemented plaster prior to the application of **Damp Seal**.

TECHNICAL DATASHEET DAMP SEAL

D-83, S.I.T.E., Industrial Area, Manghopir Road, Karachi - 75530, Pakistan
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www.ressichem.com

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PRODUCT PREPARATION

The mixing container should be uncontaminated, non-corrosive and clean and free from any oil, dust or impurities that may cause the product to be mixed improperly. Mix Part A with Part B in the appropriate ratio until a uniform mixture is obtained. Part C is a diluent and can be used to adjust the viscosity of the mixed material if difficulties in application take place. Part C should not be used in mixing and can be used to clean tools.

APPLICATION

Damp Seal can be applied by spray, brush, roller, or flow coating. The solution cab be applied directly to the dry, porous building material, adjacent surfaces such as doors, windows and other non-absorbent surfaces should be masked before spraying to avoid contact with the impregnating solution. Typically, the solution is brush or spray applied generously and evenly, and the second coat should be applied whilst the fist is still wet. Large horizontal surfaces are usually applied by flooding the surface with the diluted solution of the product. The solution of **Damp Seal** can also be applied by dipping or brushing. The consumption of the material would vary greatly depending upon the surface porosity. Preliminary evaluation with regards to the coverage should be conducted.

SHELF LIFE

12 months from the date of manufacturing when stored under dry, sheltered warehouse conditions in original un-opened packaging. Extreme temperature / humidity may reduce shelf life.

PACKAGING

Damp Seal is available in 1.25 KG Kits.

Part A: 820g (Base)
Part B: 290g (Hardener)
Part C: 140g (Diluent)

Note: Bulk packaging available upon request

HEALTH AND SAFETY

Damp Seal is regarded as nonhazardous for transportation. Do not reuse containers and dispose them off as per local rules and regulations. Gloves and suitable masks can be worn during application. Please refer to the MSDS of the product for further health and safety information.

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