



Decktect PU Base Coat

Flexible Base Coating

DESCRIPTION

Decktect PU Base Coat is a two-pack high build flexible polyurethane membrane formulated to provide excellent crack-bridging properties with over 500% elongation whilst being totally impervious. Decktect PU Base Coat provides a hard wearing, low maintenance, flexible surface membrane, which is chemically resistant and impervious.

USES

The Decktect PU Base Coat is used as part of the Decktect System.

ADVANTAGES

- **Flexible** accommodates normal substrate movement without cracking
- **Chemically resistant** good resistance to a wide range of chemicals
- **Durable** good abrasion resistance
- **Hard Wearing** long standing references

PHYSICAL PROPERTIES

Elongation	540%
Tensile strength	8 N/mm ²
Pot life	90 mins
Specific gravity	1.2
Overcoat Period	12-24 hours

DECKTECT SYSTEM

For the installation of the complete Decktect System this Datasheet should be read in conjunction with the Decktect Aggregate Holding Coat and Decktect Top Coat Datasheets.

CHEMICAL RESISTANCE

Decktect PU Base Coat is resistant to a wide range of chemicals. Specific data is available on request.

COLOURS

Decktect PU Base Coat is available in Light Grey, Dark Grey, mid Green, Artic Blue and Red.

TEMPERATURE

Decktect PU Base Coat should not be applied at temperatures below 5° C and above 30° C.

INSTRUCTIONS FOR USE

SURFACE PREPARATION – CONCRETE

It is essential that the substrate surfaces are correctly prepared prior to application. New concrete or cementitious substrates should have been placed for at least 28 days, unless specially water reduced and give a protimeter reading of less than 75% RH before applying Decktect PU Base Coat. Should the reading be above 75% RH please refer to the Technical Services Department for further information. All substrates should be sound and free from contamination with oil, grease and other matter.

Any oil or grease contamination must be removed completely by grinding, scabbling or shotblasting the contaminated areas to provide a clean substrate. It may be possible to prepare lightly contaminated areas by treatment with an industrial degreaser. Laitance should be removed by vacuum blasting, grinding or light scabbling. Old concrete floors should be prepared by one of the mechanical methods mentioned above. Ensure that all concrete substrates are free from rising damp.

STEEL

When applying to steelwork the surface should be cleaned to a bright metal finish by either grinding or shotblasting to S.A. 2.5. A two pack epoxy zinc primer should then be used prior to the application of Decktect PU Base Coat.

PRIMING

Prepared concrete substrates to be topped with Decktect PU Base Coat should be primed with two coats of primer. Mix the primer in the proportions as supplied by adding the entire contents of the hardener container to the base container. Once mixed, the primer should be applied immediately as a thin continuous film using stiff brushes or rollers and left to cure. Over application and puddles should be avoided. The second coat of Primer should be applied at right angles to the first. Aggregate should be broadcast over the surface immediately to provide a key and left to cure and become tack free prior to the application of Decktect. If the substrate is giving a reading of 75% RH or above the primer should be Conren's WD Aquatect water vapour suppressant primer.

MIXING AND APPLICATION

Decktect PU Base Coat is a two pack pre-weighed system ready for on site use. Mechanical mixing is essential and a drill and paddle type mixer is recommended. Add the entire contents of the hardener container to the base container and mix for 3-4 minutes using a slow speed drill fitted with a suitable mixing paddle until the mixture is homogeneous. The Decktect PU Base Coat should then be poured onto the primed substrate and spread to the required thickness using a serrated steel trowel. It is essential to spread the material in a uniform, even application without over-working. The Decktect PU Base Coat may be rolled with a spiked nylon roller after application to aid the release of any entrapped air and to assist in leveling any slight trowel marks. The Decktect PU Base Coat should be left for a maximum of 24 hours before application of Decktect Aggregate Holding Coat

COVERAGE AND PACK SIZES

Pack Size kg	Approx. Coverage
25kg	25m ² @ 1mm thickness

DISPOSAL

All tools and equipment should be cleaned with Conren Solvent cleaner immediately after use. Spillage should be absorbed with sand or sawdust and disposed of in accordance with statutory regulations.

STORAGE

Decktect PU Base Coat has a shelf life of 12 months if stored in original containers between 10° C and 25° C.

PRECAUTIONS

For further information on our precautions please see the MSDS.

Technical Service and Quality Assurance

All information provided in this leaflet is based on results obtained from our own experience and testing which is given in good faith. The information is provided without guarantee as the user will be deemed to have satisfied themselves independently of the suitability of Conren's product for their own particular purpose. Conren Limited cannot be held responsible for any errors as a result of any incorrect information being provided.



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