

# ADVAPOXY 2000

Solvent Free Hygiene Epoxy



## DESCRIPTION

ADVAPOXY 2000 HYGIENE EPOXY is a high-build solvent-free two component epoxy coating system, specially formulated to be abrasion and chemical resistant. It can also be applied as a smooth coating, or anti-skid multi thickness epoxy flooring systems.

## USES

- ▶ Indoor car parks
- ▶ Bridge Decks
- ▶ Food Industry Floors
- ▶ Industrial Floors
- ▶ Warehouses
- ▶ Service Stations
- ▶ Chemical Plants
- ▶ Hospitals and Schools

## ADVANTAGES

- ▶ Waterproof
- ▶ High abrasion and slip resistant surface
- ▶ Hygienic, anti-bacterial and fungus growth
- ▶ Odorless
- ▶ Suitable for hot climates

## INSTRUCTION FOR USE

### SURFACE PREPARATION:

Priming is not normally required provided the substrate is sound, untreated and good quality nonporous concrete. If any doubts exist of the quality of the concrete, or if it is porous it should be primed with ADVAPOXY PRIMER.

ADVAPOXY PRIMER should be mixed in the proportions supplied. Add the entire contents of the hardener can to the base can. When thoroughly mixed, preferably using a slow speed drill and paddle, the primer should be applied in a thin continuous film, using rollers or stiff brushes.

Work the primer well into the surface of the concrete taking care to avoid ponding or over application.

### PRODUCT APPLICATION:

The first coat of ADVAPOXY 1500 should be applied using a good quality medium haired pile roller, suitable for epoxy application, or squeegee to achieve a continuous coating. Ensure that loose hairs on the roller are removed before use. A minimum film thickness of 200 microns should be applied. This can be increased where specifications demand. When the base

The base and hardener components of ADVAPOXY 2000 should be thoroughly stirred before the two are mixed together. The entire contents of the hardener container should be poured into the base container and the two materials mixed thoroughly, and mix for at least 3 minutes by the use of a heavy-duty slow speed, flameproof or air driven drill. Mix these components in the quantities supplied taking care to ensure all containers are scraped clean. Do not add solvent thinners at any time.

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coat has reached initial cure (12 hours @ 20°C or 5 hours at 35°C).  
The top coat can be applied by medium haired roller, at minimum film thickness of 200 microns.

If a slip resistant texture is required, the base coat shall be applied as per the standard application, but at a minimum film thickness of 200 microns. The base coat should then be dressed with the chosen ADVA ANTISLIP GRAINS. This should be done as soon as possible after laying. When the base coat has reached initial cure (12 hours at 20°C or 5 hours at 35°C), the excess aggregate should be vacuum cleaned from the surface.

The top coat can now be applied by medium haired roller, at a rate of 5.0m<sup>2</sup>/liter. Care should be taken to ensure that a continuous film is achieved and the rough surface, caused by the aggregate, is completely sealed. This top coat must be applied within 36 hours at 20°C (15 hours at 35°C) of the application of the first coat.



## COVERAGE

5m<sup>2</sup>/liter @ 200 microns wft

## STORAGE

One year after manufacturing date in its original packing non open and in dry cool area.

## HEALTH & SAFETY

Application should be done in a ventilated area away from any heat source. Wear protective gear for hands and eyes and avoid breathing of vapor. If mixed resin comes into contact with the skin, it should be promptly removed before hardening, followed by thoroughly washing the skin with soap and water. In case of heavy vapor inhalation, place affected person in an open-air area. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In all cases, seek medical attention. In case of fire, use CO2 foam to extinguish. Tightly seal containers when not in use, store them away from heat and carefully dispose empty ones.

## PACKING

ADVAPOXY 2000 – is supplied in 12 liters (18.5Kg)

## CLEANING

ADVAPOXY 2000 HYGIENE EPOXY should be removed from tools and equipment with clean water immediately after use. Hardened material can be removed mechanically.

## TECHNICAL SPECIFICATIONS

Form	Liquid
Color	All RAL Colors
Solid Content	100%
Mixed Density (ASTM D1475)	1.65 ± 0.02kg/liter @ 25°C
Pot Life (ASTM D 2471)	25 minutes @ 30°C
Cure Time	20 hours @ 30°C
Maximum time between coats	18 hours @ 30°C
Light traffic use after	18 hours @ 30°C
Full traffic use after	24 hours @ 30°C
Shore D Hardness (ASTM D2240:1996)	77 – 85
Tensile Strength (ASTM D638-99)	20 N/mm <sup>2</sup>
Flexural Strength	40 N/mm <sup>2</sup>
Compressive Strength	70 N/mm <sup>2</sup>

The information given in this datasheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions, etc.



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