

HYCHEM Polyglaze NY

Clear non-yellowing polyurethane coating

Product Description

Polyglaze NY is a tough, flexible sealer that provides a clear non-yellowing finish to concrete and epoxy coatings. Polyglaze NY is ideally suited as a finish coat to seamless epoxy flooring. It contains UV absorbers which help protect the epoxy undercoats from UV light and thus reducing the yellowing tendencies of epoxies upon exposure to sunlight or other UV sources. Polyglaze NY produces a gloss finish which is resistant to outdoor exposure, making the product useful as a topcoat for water based epoxy coatings such as HYCHEM WE90 in outdoor environments. It has excellent abrasion, scratch and stain resistance.

Typical Applications

The product can be applied to:

- Ground concrete slabs
- Benchtops & stone furniture
- Floor tiles exposed to restaurant grime
- Tilers & paving slabs in walkways and public squares
- Brickwork & precast walls of public structures

Technical Data

Colour	Light yellow, clear coating
Viscosity	90 MPa @ 30°C
Specific gravity	0.95
Solids content	45 %

Physical Properties

Water resistance	Excellent
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APPLICATION GUIDELINES

Product Application

The surface must be clean and dust free.

Apply product with a short nap mohair roller.

Polyglaze NY should be applied when the temperature is 15–30°C and relative humidity below 75%. A second coat should be done once first coat is dry and within 24 hours.

If a maintenance coat or re-coating beyond that window is required, then the surface should be sanded. Light foot traffic can resume after 24 hours and heavier traffic a minimum 48 hours. Full chemical resistance is achieved after 7 days.

Application Information

Coverage	8–10 sqm/litre
Packaging	Available in 4 litre tins and 20 litre pails.

Environmental Conditions

Temperature and the surrounding atmospheric conditions will play a part in the curing process of all resin products. Under conditions of low temperatures and high humidity the final cured surface finish can be adversely affected, potentially resulting in poor gloss retention, discoloration over time, poor overcoat ability and inter-coat adhesion. Quite often these conditions will result in the formation of a white film over the surface, often evident after contact with water. If this occurs, the existing coating will need to be abraded to completely remove the affected surface to ensure the adhesion of subsequent applications. In some cases, partial or complete re-priming may be necessary. Attention also needs to be paid to the substrate temperature, which should be at least 3-5 °C above the dew point during the curing phase. Industry standards recommend the accurate recording of environmental conditions such as

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substrate and air temperatures, humidity levels and dew point readings during both the application and curing processes. Full material warranties cannot be provided unless all the relevant data has been recorded accurately. If in doubt consult the HYCHEM technical department for advice.

Safety Precautions

Wear appropriate personal protection equipment. Gloves, eye protection, mask and overalls should be used during mixing and application. Ensure there is adequate ventilation and avoid breathing the vapour. Refer to the Safety Data Sheet for this product before use.

Chemical Resistance

Good resistance to acids,

alkalis, alcohols, aromatic hydrocarbons, brake fluid, diesel, and machine oil.

Packaging 20 litres

Warranties and Disclaimers

HYCHEM warrants that this product shall conform to the technical specifications published in the product literature. The quality and fitness of the product is dependent upon the proper use and application of the product by the applicator. HYCHEM has no role in the application of the finished polymer other than to manufacture and supply its components. It is vital that the person applying this product understands the product and is fully trained and certified in the use of the application tools, including trowelling, spray equipment etc. There are no warranties that extend beyond the description on the face of this instrument, except when provided in writing, directly by HYCHEM.

Field Support

Field support where provided, does not constitute supervisory responsibility. Suggestions made by HYCHEM either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they and not HYCHEM are responsible for carrying out procedures appropriate to a specific application.

Customer Responsibility

The technical information and application advice given in this publication is based on the best information available at the time of print. As the information herein is of a general nature, no assumption can be made as to the product suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

Legal Notes

The information, and in particular the recommendations relating to the application and end-use of HYCHEM products, are given in good faith based on HYCHEM's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with HYCHEM's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. HYCHEM reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.