



13/04/2023

Uzin PE 414 bi Turbo Single Component PU Rapid Primer Projects Application:

UZIN PE 414 is a rapid drying, ready mixed Moisture-curing polyurethane primer, without plasticizing ingredients, which offers a wide field of application. For interior use.

NB: Uzin PE 414 bi Turbo Single Component PU Rapid Primer is designed for NZBC Compliant subfloors only being:

- Newly placed concrete subfloors that are a maximum 95% RH Moisture Vapor reducing and are NZBC Compliant.
- Existing concrete subfloors that are 75% RH or less and are NZBC Compliant.
- clean and dry moisture sensitive substrates (e.g. chip board; Plywood; strandfloor.)

UZIN PE460 2-Component Epoxy Primer-Sealer must be used on concrete subfloors effected by hydrostatic pressure type moisture issues i.e. old slabs with no waterproof membrane. they require an Epoxy barrier against high residual moisture in non-heated, cement-based substrates such as e.g. cement screeds, concrete slabs or bonded constructions in direct contact with ground moisture up to 5 CM-%and 6% by weight.

Uzin PE 414 subfloor types application includes clean dense or absorbent substrates, and clean and dry moisture sensitive substrates (e.g. chip board; Plywood; strandfloor.)

NOTE: PE414 is not to be used in wet rooms and is not a Waterproof Membrane System. If a Waterproof Membrane System is required contact Gilt Edge Architectural regarding the BRANZ Appraised Flexi-Seal PUD Waterproof Membrane System.

For General use as a Moisture Vapor Barrier Primer under most common resilient and hard flooring types i.e. sheet vinyl, LVT Hybrid/laminate, engineered and solid timber.

Uzin PE414 is a rapid system as the second coat can be applied after the first coat is set to foot traffic (after approx. 60 minutes) and is cured in approximately 1 hour (At 20 °C and 65% relative humidity.)

UZIN PE 414 Primer saves time and money on building code compliant high RH (up to 4 CM-% / 95% RH reducing.)

Timber Flooring System: UZIN PE 414 Primer is used as a Moisture Vapour Barrier on timber flooring installations as a warranted system component incorporating Uzin MK 95 one component PUR wood flooring adhesive. Uzin MK95 glues timber flooring directly to Uzin PE 414 Primer, or in a double bond application, to glue acoustic sheet rubber underlay to the subfloor, and the timber flooring to the acoustic underlay.

Performance:

To strengthen surfaces that are highly absorbent and not sufficiently sound, UZIN PE 414 Turbo is applied in 1 to 2 coats using a Gilt Edge microfibre water based paint roller code PM012495

As a barrier against residual moisture a 2-coat-application with a Gilt Edge microfibre water based paint roller code PM012495 is necessary. The second coat can be applied after the first coat is set to foot traffic (after approximately 60 minutes) and needs a drying time for at least one hour (At 20 °C and 65% relative humidity.)

In case of subsequent levelling work prior to floor covering work Levelling works can be done after approximately 1 hour of curing (At 20 °C and 65% relative humidity.) Firstly UZIN PE 280 Primer (for non-porous substrates) must be applied on the cured PE 414 primer and left to cure prior to Uzin levelling systems application.

Uzin PE 414 bi Turbo Single Component PU Rapid Primer in Specification:

Gilt Edge can write Warranted Generic Specifications for you on a project-by-project basis.

Uzin PE 414 will also be added to the new and revised Gilt Edge MasterSpec 6122GE GILT EDGE FLOOR SUBSTRATE PREPARATION Section as a high RH reducing Moisture Vapor barrier solution.

Ian Williams
Technical Consultant
Gilt Edge Architectural
P: 09 443 7067
M: 0274 364 642
E: ian@giltedge.co.nz
www.giltedge.co.nz

