



Seamless Flooring Systems Solutions for Hard and Soft Flooring Categories.

Gilt Edge Architectural deliver specialist technical advice and specification development to your projects. Using our four key sections in Masterspec, we partner with architects and specifiers nationally, to deliver trusted technical advice and hands on Seamless Flooring Systems Specification Development. Our focus is to mitigate project risk, develop innovative solutions and ensuring your project installations are NZ Building Code/NZ Flooring Association Standards compliant.

Green Star Compliance as Standard:

All our Masterspec and Generic Seamless Flooring Systems Specification are always Green Star compliant. The Green Star NZ V3 Technical manual states that VOC emissions can be demonstrated through the provision of test results showing compliance to a recognised Ecolabel or a recognised Indoor Air Quality Scheme.

Masterspec Specifications and PartnerNet Support:

Our Seamless Flooring Systems can be specified using Gilt Edge Masterspec 4 Work Sections. Contact Gilt Edge for Masterspec PartnerNet Requests for work section writing support.

- 3124GE Gilt Edge Concrete Cure, Hardener, Moisture Control & Protection
- 6122GE Gilt Edge Floor Levelling Systems
- 6511GE Gilt Edge Residential & Commercial Underlay
- 6614GE Gilt Edge Stair Nosing, Transitions & Trim



The following Seamless Flooring Systems Solutions are examples of commercial hard and soft flooring installations commonly found in architectural specifications.

Specialised wet room systems designed for healthcare, aged care, and general commercial applications are included, featuring a BRANZ appraised waterproof membrane 'second line of defence' system, essential for E3 internal moisture tanking NZBC requirement, and P3 product/applicator 15 year warranty.

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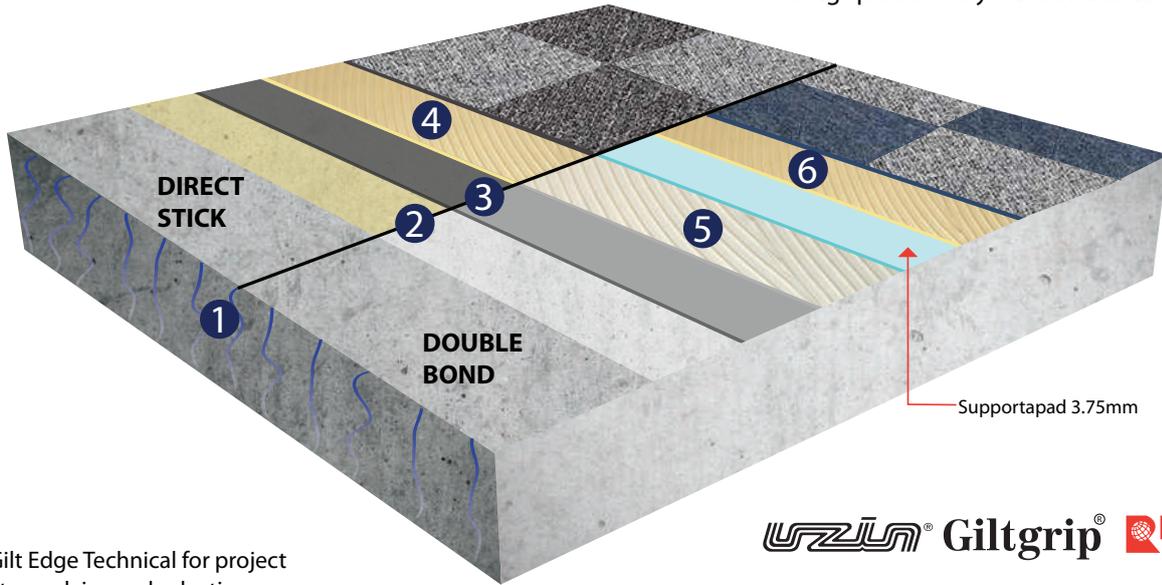
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GILT EDGE SEAMLESS FLOORING SYSTEMS

Subfloor Preparation And Installation Of Direct Stick and Double Bond Carpet Tiles*

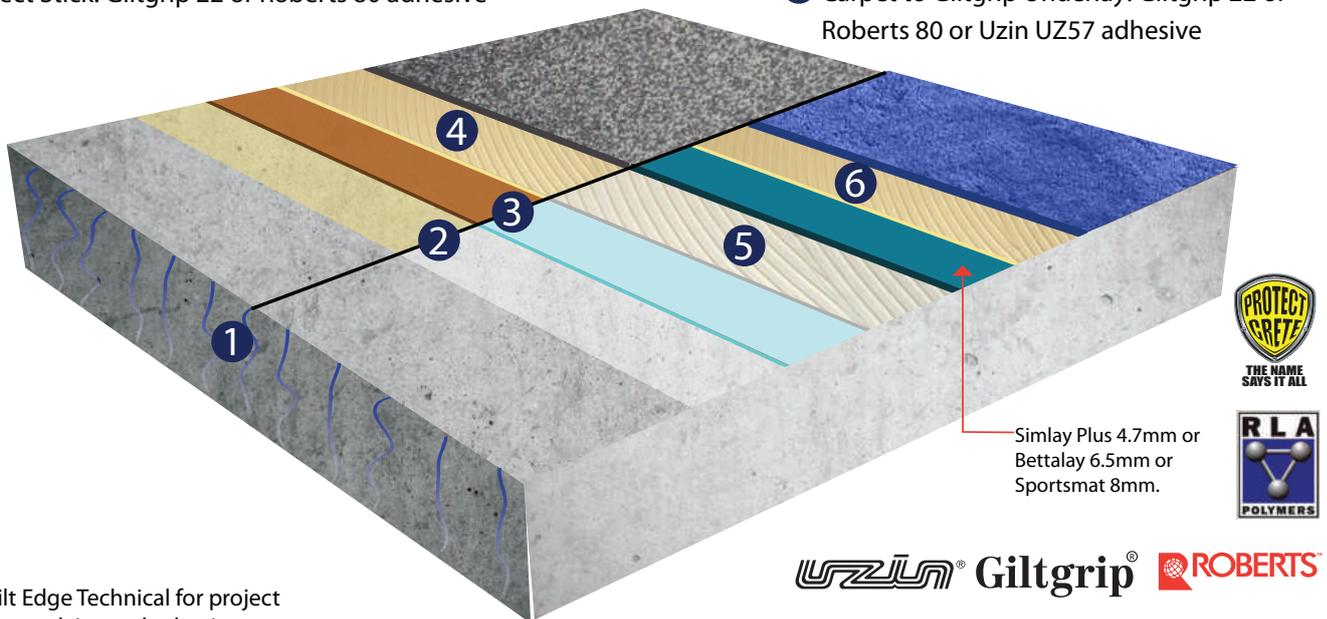
- ① Concrete substrate treated with Protect Crete X200 Densi-Proof
- ② Subfloor primed with UzinPE280 (Non-porous) or Uzin PE520 (Porous)
- ③ Uzin NC160 or NC170 levelling compound
- ④ Direct Stick: Giltgrip®66 or Polymer 999 adhesive
- ⑤ Giltgrip® Supportapad Underlay to Subfloor:
Option a.) Giltgrip®66 or Polymer 999 adhesive
Option b.) Giltgrip®22 or Roberts 80 adhesive
- ⑥ Carpet Tile to Giltgrip®Supportapad Underlay:
Giltgrip®66 or Polymer 999 adhesive



* Contact Gilt Edge Technical for project specific system advice and selections.

Subfloor Preparation And Installation Of Direct Stick and Double Bond Carpet*

- ① Concrete substrate treated with Protect Crete X200 Densi-Proof
- ② Subfloor primed with UzinPE280 (Non-porous) or Uzin PE520 (Porous)
- ③ Uzin NC160 or NC170 levelling compound
- ④ Direct Stick: Giltgrip®22 or Roberts 80 adhesive
- ⑤ Giltgrip® Double Bond Underlay to Subfloor:
Option a.) Giltgrip®66 or Polymer 999 adhesive
Option b.) Giltgrip®22 or Roberts 80 adhesive
- ⑥ Carpet to Giltgrip® Underlay: Giltgrip®22 or Roberts 80 or Uzin UZ57 adhesive



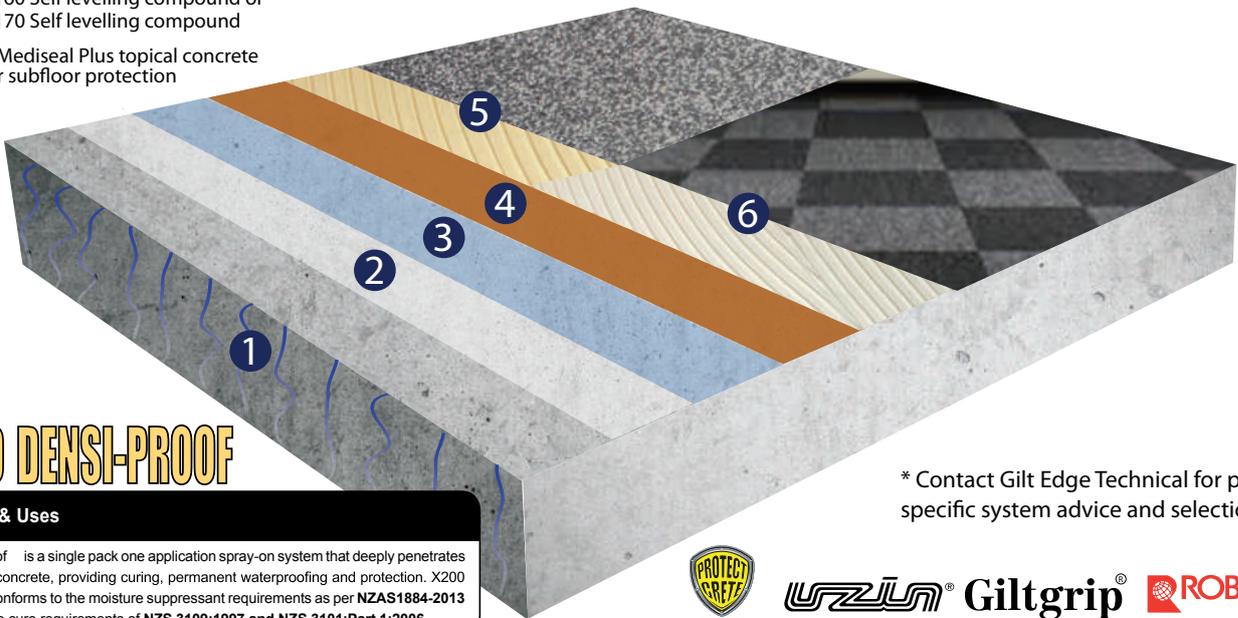
* Contact Gilt Edge Technical for project specific system advice and selections.



GILT EDGE SEAMLESS FLOORING SYSTEMS

Healthcare Subfloor Contamination Protection Installation for Carpet/Carpet Tiles OPTION 1

- 1 Concrete substrate with Protect Crete X200 Densi-Proof
- 2 Uzin PE280 Primer for non porous substrates or Uzin PE520 Primer for porous substrates
- 3 Uzin NC160 Self levelling compound or Uzin NC170 Self levelling compound
- 4 Roberts Mediseal Plus topical concrete sealer for subfloor protection
- 5 Giltgrip 22 or Roberts 80 adhesive with carpet installed over
- 6 Giltgrip 66 adhesive or Polymer 999 with carpet tiles installed over



X200 DENSI-PROOF

Description & Uses

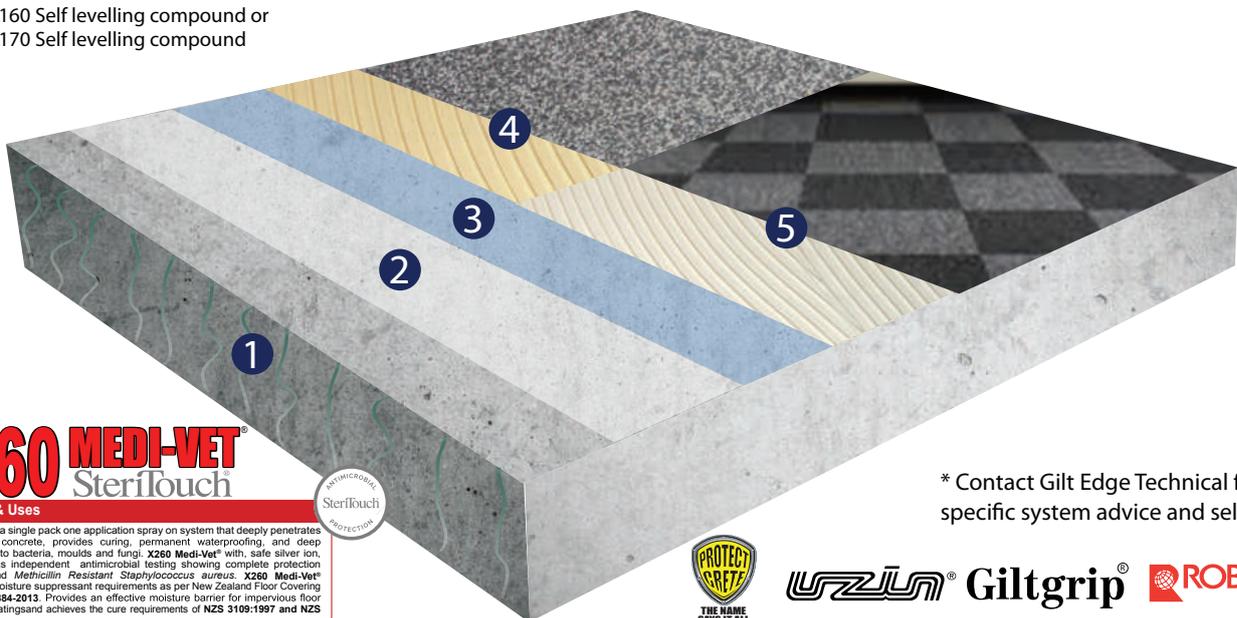
X200 Densi-Proof is a single pack one application spray-on system that deeply penetrates new or existing concrete, providing curing, permanent waterproofing and protection. X200 Densi-Proof conforms to the moisture suppressant requirements as per NZAS1884-2013 and achieves the cure requirements of NZS 3109:1997 and NZS 3101:Part 1:2006.

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Healthcare Subfloor Contamination Protection Installation for Carpet/Carpet Tiles OPTION 2

- 1 Concrete substrate with Protect Crete X260 Medi-Vet®SteriTouch (subfloor contamination protection)
- 2 Uzin PE280 Primer for non porous substrates or Uzin PE520 Primer for porous substrates
- 3 Uzin NC160 Self levelling compound or Uzin NC170 Self levelling compound
- 4 Giltgrip®22 or Roberts 80 adhesive with carpet installed over
- 5 Giltgrip®66 adhesive or Polymer 999 with carpet tiles installed over



X260 MEDI-VET® SteriTouch

Description & Uses

X260 Medi-Vet® is a single pack one application spray on system that deeply penetrates new or existing concrete, provides curing, permanent waterproofing, and deep matrix resistance to bacteria, moulds and fungi. X260 Medi-Vet® with safe silver ion, SteriTouch® has independent antimicrobial testing showing complete protection against E.coli and Methicillin Resistant Staphylococcus aureus. X260 Medi-Vet® conforms to the moisture suppressant requirements as per New Zealand Floor Covering Standard: NZAS1884-2013. Provides an effective moisture barrier for impervious floor coverings and coatings and achieves the cure requirements of NZS 3109:1997 and NZS 3101:Part 1:2006.



* Contact Gilt Edge Technical for project specific system advice and selections.

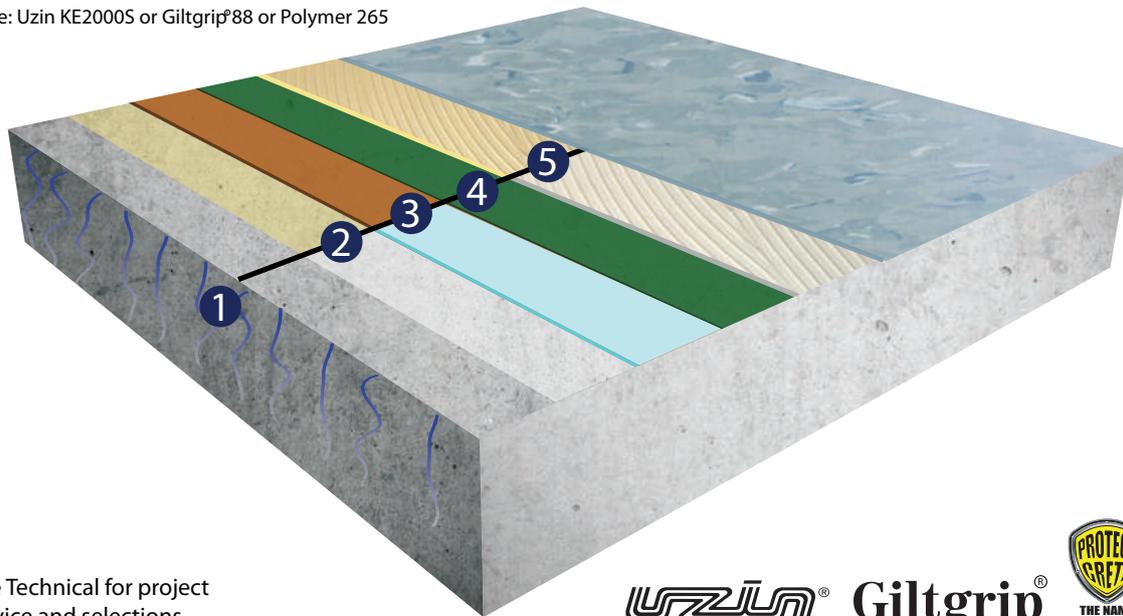




GILT EDGE SEAMLESS FLOORING SYSTEMS

Subfloor Preparation and Installation of Sheet Vinyl*

- 1 Concrete substrate treated with Protect Crete X200 Densi-Proof
- 2 Subfloor primed with UzinPE280 (Non-porous) or Uzin PE520 (Porous)
- 3 Uzin NC160 or NC170 levelling compound
- 4 Uzin NC888 feather finish
- 5 Vinyl adhesive: Uzin KE2000S or Giltgrip®88 or Polymer 265

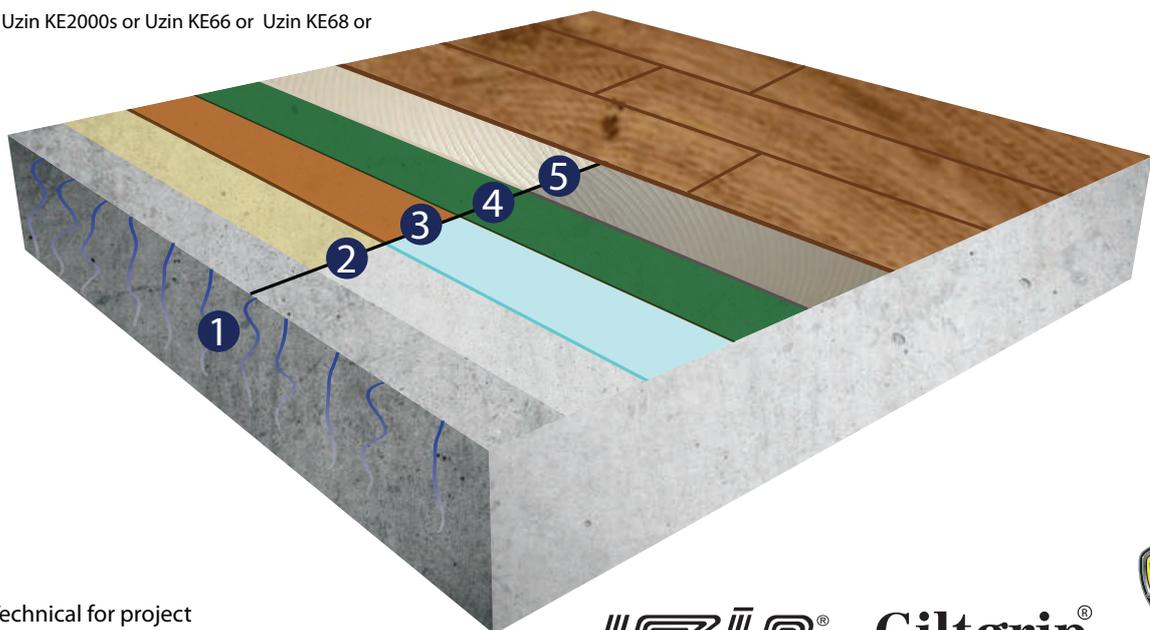


* Contact Gilt Edge Technical for project specific system advice and selections.



Subfloor Preparation And Installation Of Luxury Vinyl Tiles (LVT)*

- 1 Concrete substrate treated with Protect Crete X200 Densi-Proof
- 2 Subfloor primed with Uzin PE280 (Non-porous) or Uzin PE520 (Porous)
- 3 Uzin NC160 or NC170 Levelling Compound
- 4 Uzin NC888 feather finish
- 5 LVT adhesive: Uzin KE2000s or Uzin KE66 or Uzin KE68 or Giltgrip®88



* Contact Gilt Edge Technical for project specific system advice and selections.

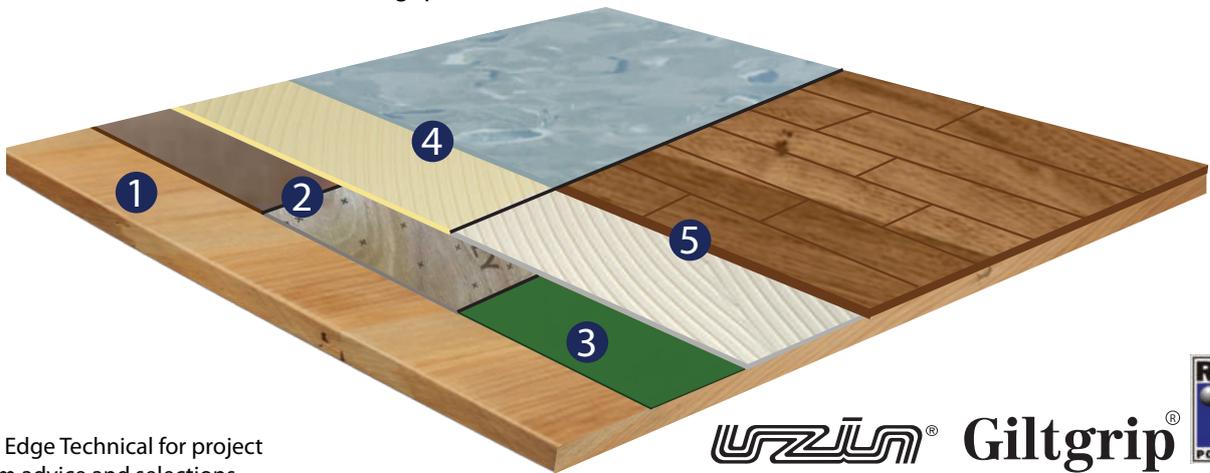




GILT EDGE SEAMLESS FLOORING SYSTEMS

Subfloor Preparation And Installation Of Sheet Vinyl/ Luxury Vinyl Tile (LVT) Over Composite Timber Subfloors*

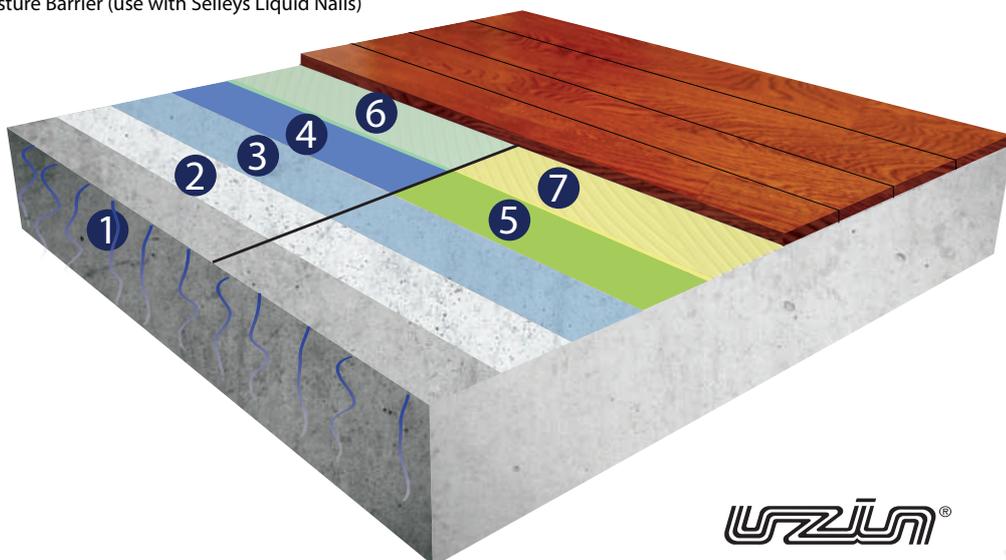
- ① Composite Timber Subfloor Sheet Type: Particle Board/Plywood/Strandfloor.
NB: For Cross Laminate Timber (CLT)/Parallel Laminated Timber (PLT) Type Construction Panel Subfloors: Contact Gilt Edge Technical for project specific system advice and selections.
- ② Trim-Tec Hardboard 5.5mm thickness or Bamply 5.2mm plywood or
- ③ Uzin PE650 Flexible Primer with 3mm thickness of Uzin NC196 Fibre-reinforced levelling system over
- ④ Sheet vinyl adhesive: Uzin KE2000S or Giltgrip®88 or Polymer 265
- ⑤ LVT adhesive: Uzin KE66 or Uzin KE68 or Giltgrip®88



* Contact Gilt Edge Technical for project specific system advice and selections.

Subfloor Preparation and Installation of Prefinished or Solid Timber*

- ① Concrete substrate treated with Protect Crete X200 Densi-Proof
- ② Subfloor primed with Uzin PE280 (Non-porous) or Uzin PE520 (Porous)
- ③ Uzin NC170 Self Levelling Compound
- ④ Bostik Moisture Seal or
- ⑤ Selley's VBS Vapour Moisture Barrier (use with Selley's Liquid Nails)
- ⑥ Bostik Ultraset or
- ⑦ Selley's Liquid Nails



THE NAME SAYS IT ALL



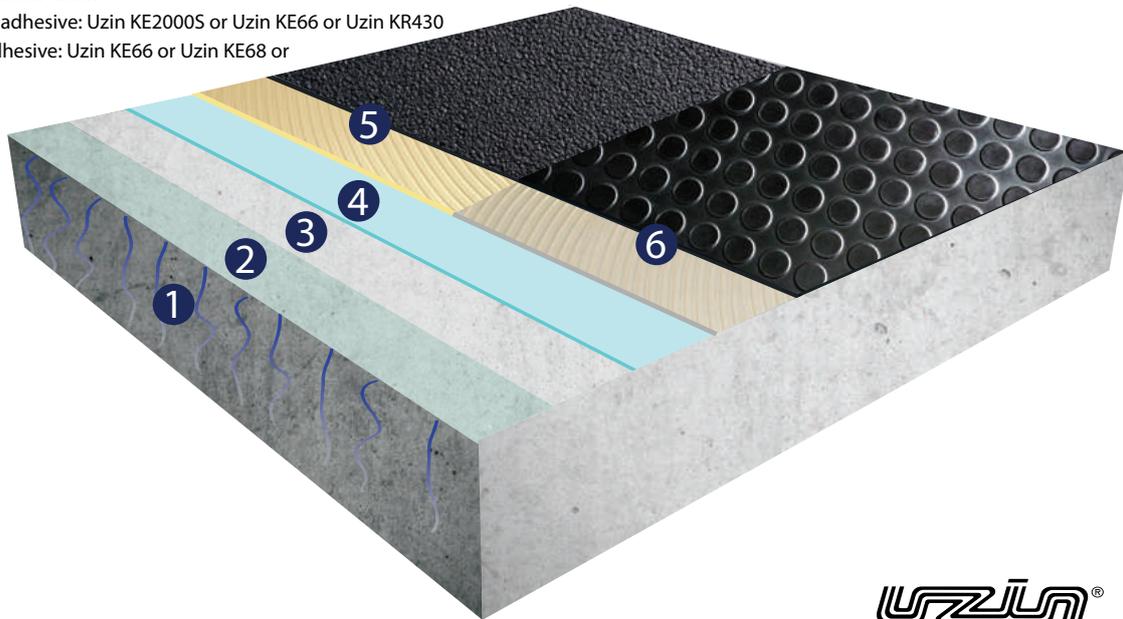
* Contact Gilt Edge Technical for project specific system advice and selections.



GILT EDGE SEAMLESS FLOORING SYSTEMS

Interior Subfloor Preparation And Installation Of Sheet Rubber/ Rubber Tiles*

- 1 Concrete substrate treated with Protect Crete X200 Densi-Proof
- 2 Subfloor Primed with UzinPE280 (Non-porous) or Uzin PE520 (Porous)
- 3 Uzin NC160 or NC170 levelling compound
- 4 Uzin NC888 feather finish
- 5 Sheet Rubber adhesive: Uzin KE2000S or Uzin KE66 or Uzin KR430
- 6 Rubber Tile adhesive: Uzin KE66 or Uzin KE68 or Uzin KR 430

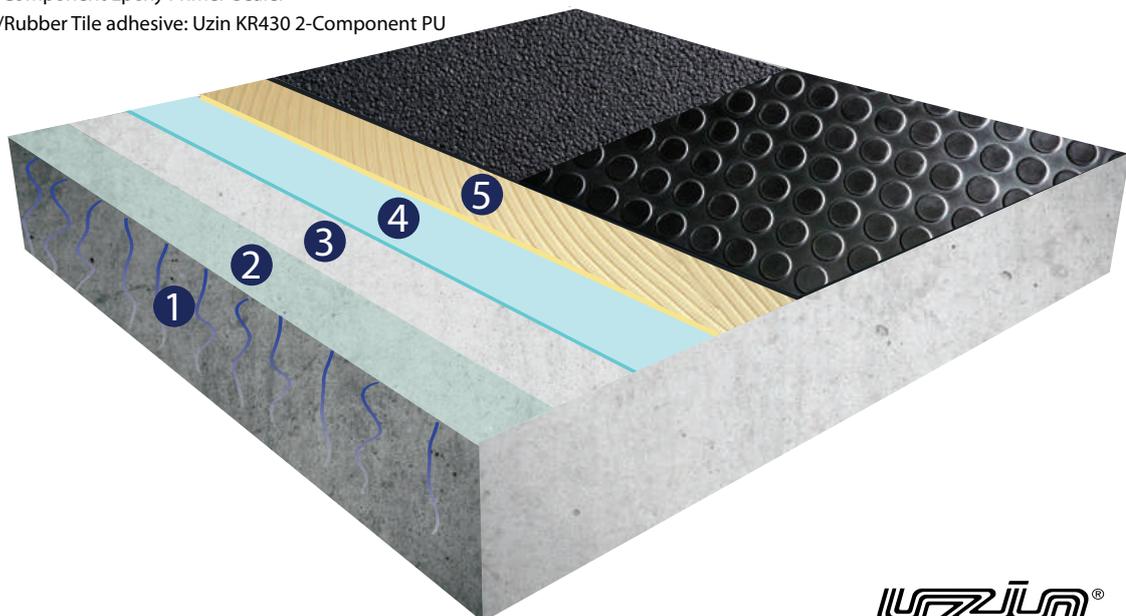


* Contact Gilt Edge Technical for project specific system advice and selections.



Exterior Subfloor Preparation And Installation Of Sheet Rubber/ Rubber Tiles*

- 1 Concrete substrate treated with Protect Crete X200 Densi-Proof
- 2 Subfloor Primed with Uzin PE520 Primer (Porous)
- 3 Uzin Codex NC 366 Smoothing Compound (exterior use) and or Codex NC 395 Smoothing, Levelling and Ramping Compound.
- 4 Uzin PE 460 2-Component Epoxy Primer-Sealer
- 5 Sheet Rubber/Rubber Tile adhesive: Uzin KR430 2-Component PU



* Contact Gilt Edge Technical for project specific system advice and selections.





GILT EDGE SEAMLESS FLOORING SYSTEMS

WET ROOM SYSTEMS

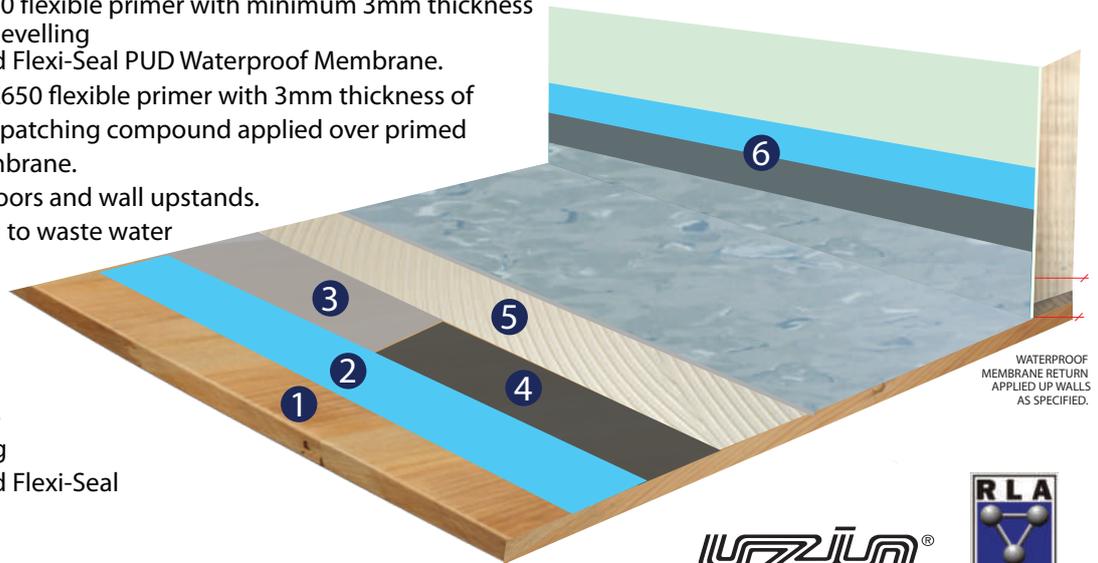
SPECIFICATION FOR WET ROOMS SYSTEMS OVER COMPOSITE TIMBER SUBSTRATES: SHEET VINYL *

Subfloors System:

- 1 Composite Timber Subfloor Sheet Type: Particle Board/Plywood/Strandfloor.
NB: For Cross Laminated Timber (CLT)/Parallel Laminated Timber (PLT) Type Construction Panel Subfloors: Contact Gilt Edge Technical for project specific system advice and selections.
- 2 RLA Flexi-Seal PUD Waterproof Membrane
- 3 Level Subfloors Only: Uzin PE650 flexible primer with minimum 3mm thickness of Uzin NC196 fibre-reinforced levelling compound applied over primed Flexi-Seal PUD Waterproof Membrane.
- 4 Sloping Subfloors Only: Uzin PE650 flexible primer with 3mm thickness of Uzin NC182 rapid ramping and patching compound applied over primed Flexi-Seal PUD Waterproof Membrane.
- 5 Uzin KE2000S vinyl adhesive- floors and wall upstands.
Uzin KR430 vinyl adhesive-vinyl to waste water junctions.

6 Walls System:

All Wet Rooms Wall Upstands:
Uzin PE280 Primer with 1mm minimum thickness of Uzin 888 rapid smoothing and feathering compound applied over primed Flexi-Seal PUD Waterproof Membrane.



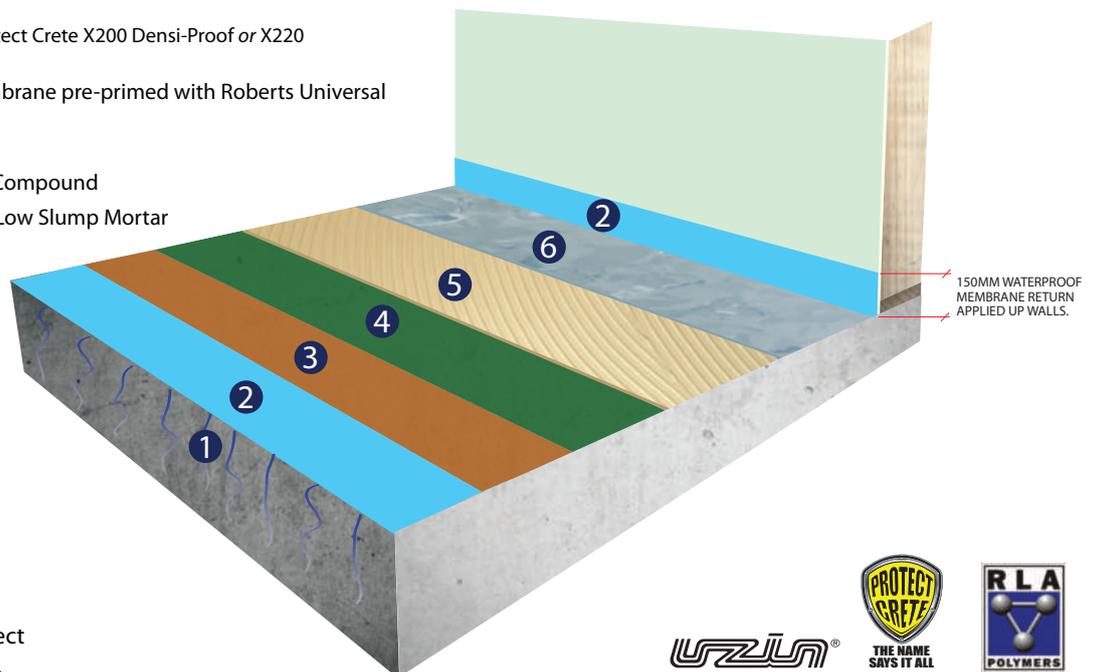
Apply Butylseal tape as per manufacture and RLA Polymers applicator training guidelines to all applicable joining in floor to wall cladding, wall to wall cladding and floor to waste water outlets.
NB: Any cladding joins that are wider than 6mm must first be filled with Polyethylene Foam Backer (PF Rods) prior to tape application.

* Contact Gilt Edge Technical for project specific system advice and selections.

SHEET VINYL WET ROOMS (WITH NO SETDOWNS IN SUBFLOORS) INSTALLATION

For bathrooms with pre-installed moulded shower units(PVC Lined) and baths.
Also for kitchens and laundries.

- 1 Concrete Subfloor treated with Protect Crete X200 Densi-Proof or X220 Moisture-Fix at time of pour
- 2 RLA Flexiseal PUD Waterproof Membrane pre-primed with Roberts Universal Acrylic Primer
- 3 UZIN PE 280 Water Based Primer
- 4 **OPTION A:** UZIN NC 160 Levelling Compound
OPTION B: UZIN NC 182 Rapid Set Low Slump Mortar
OPTION C: UZIN NC 888 Rapid Patching/Smoothing Compound
- 5 UZIN KE2000S Adhesive
- 6 Sheet Vinyl as specified



* Contact Gilt Edge Technical for project specific system advice and selections.



GILT EDGE SEAMLESS FLOORING SYSTEMS

WET ROOM SYSTEMS

Gilt Edge Architectural Wet Rooms Design

HEALTHCARE - WET ROOMS: SCREEDED 'SET DOWN' SUBFLOORS AND SHEET VINYL FLOOR/WALL COVERINGS INSTALLATION GUIDLINES

SCOPE:

For the installation of Preformed Wet Room and Shower Subfloors 'Set Downs', Including Waterproof Membrane Integration, and the Installation of Specified Commercial Sheet Vinyl Floor /Wall Coverings.

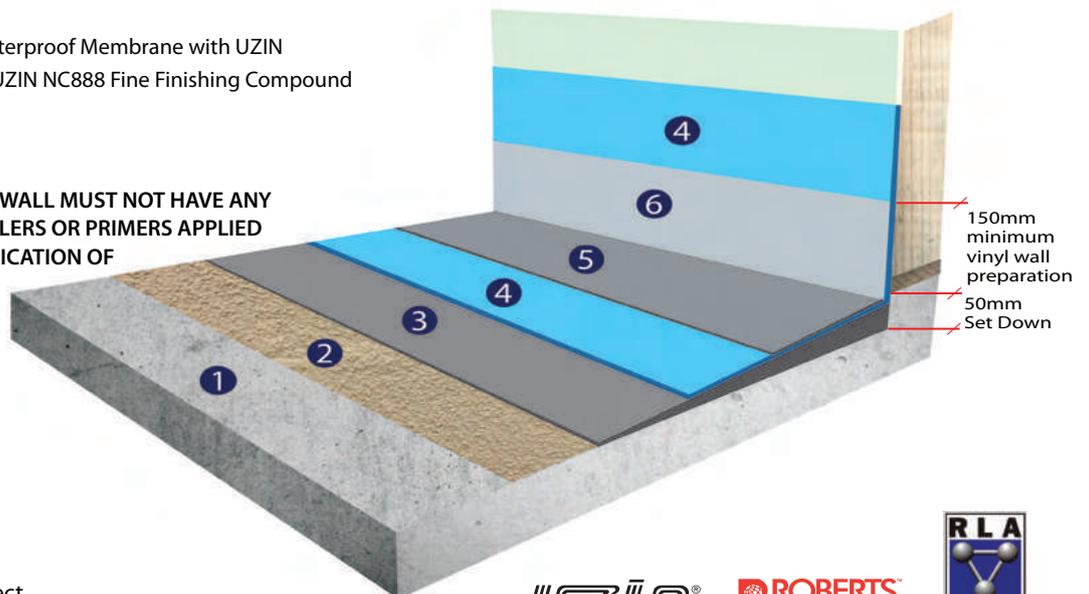
NB: To safeguard the long term structural integrity of facility interiors, the integration of a 'Second Line of Defence Water Proof Membrane System' is an essential element in Subfloors 'Set Downs' Systems Application.

The following installation guidelines are to be read in conjunction with project specific architectural plans and documentation.

The following installation guidelines are to be read in conjunction with the accompanying specification: *GE Healthcare Wetrooms IW 01042020*

- 1 Concrete Subfloor with 50mm Minimum 'Set Down' built in Concrete Subfloor treated with Protect Crete X200 Densi-Proof at time of pour
- 2 UZIN PE520 Waterbased Additive/Primer mixed with UZIN SC980 Low Shrink Rapid set Cement to form brush applied Bonding Screed.
- 3 UZIN SC980 Low Shrink Rapid set Cement mixed 1 Part to 4 Parts Sand/Aggregate Blend to form Bulk Fill Screed.
- 4 Floors: Prime UZIN SC980 Screed with Roberts Universal Primer. Apply RLA Flexiseal PUD Waterproof Membrane.
- 4 Walls: Prime GIB Aqualine or Other Sheet Wall with Roberts Universal Primer. Apply RLA Flexiseal PUD Waterproof Membrane
- 5 Floors: Prime RLA Flexiseal PUD Waterproof Membrane with UZIN PE 280 Waterbased Primer. Apply UZIN NC182 Rapid Set Low Slump Mortar to Smooth.
- 6 Walls: Prime RLA Flexiseal PUD Waterproof Membrane with UZIN PE 280 Waterbased Primer. Apply UZIN NC888 Fine Finishing Compound to Smooth.

NB: GIB AQUALINE OR OTHER SHEET WALL MUST NOT HAVE ANY SURFACE TREATMENTS SUCH AS SEALERS OR PRIMERS APPLIED TO THE SURFACE PRIOR TO THE APPLICATION OF GILT EDGE SYSTEMS AS SPECIFIED



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GILT EDGE SEAMLESS FLOORING SYSTEMS

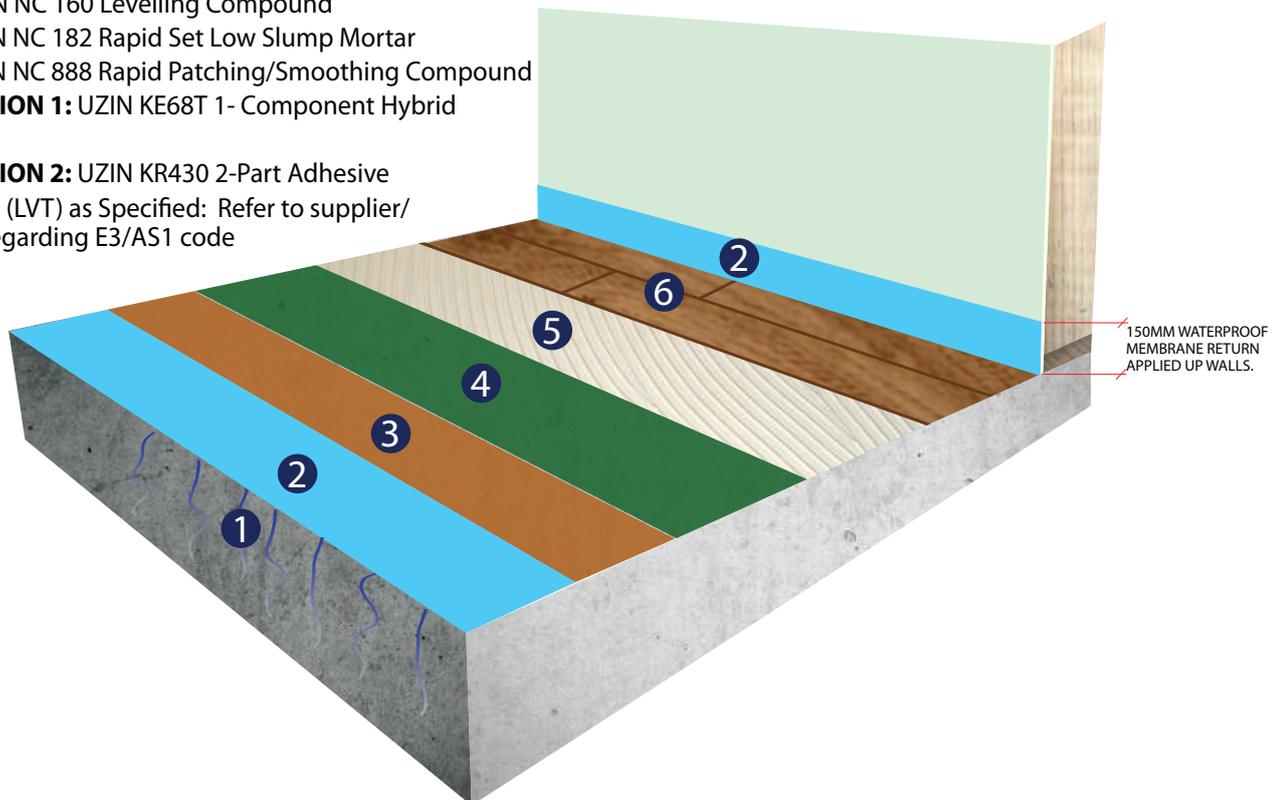
WET ROOM SYSTEMS

LUXURY VINYL TILE (LVT) WET ROOMS CONTAINMENT INSTALLATION SYSTEM ALTERNATIVE SOLUTION- E3/AS1 BUILDING CODE - INTERNAL MOISTURE FOR FINISHES TO FLOORS:

Containment - water from accidental overflow from a sanitary fixture that "could damage an adjoining household unit or other property". The affected areas are defined as having a sanitary fixing (e.g. toilet, sink, shower or bath) or sanitary appliance (e.g. washing machine or dishwasher.)

Must be read in conjunction with E3/AS1 November 4th 2021 Building Code. The following information is based on adhesive performance only to assist in the Alternative Solutions options for the installer. It is essential the LVT supplier provides their own documentation as to the floorcoverings suitability as required by E3/AS1.

- 1 Concrete Subfloor treated with Protect Crete Densi-Proof or Moisture-Fix at time of pour (optional).
- 2 RLA Flexi-Seal P.U.D. Waterproof Membrane pre-primed with Roberts Universal Acrylic Primer.
- 3 UZIN PE 280 Water Based Primer.
- 4 Subfloor Preparation Systems Options (Site specific as required.)
OPTION A: UZIN NC 160 Levelling Compound
OPTION B: UZIN NC 182 Rapid Set Low Slump Mortar
OPTION C: UZIN NC 888 Rapid Patching/Smoothing Compound
- 5 **ADHESIVE OPTION 1:** UZIN KE68T 1- Component Hybrid Adhesive
ADHESIVE OPTION 2: UZIN KR430 2-Part Adhesive
- 6 Luxury Vinyl Tile (LVT) as Specified: Refer to supplier/ manufacturer regarding E3/AS1 code compliance.



Uzin KE68T adhesive is a single component high performance 'urethane type' adhesive that is suited to a large range of installations requiring high dimensional stability in extreme conditions such as sun-drenched areas, high point loading and areas requiring water-resistance from the top of the floorcoverings (wet areas). Uzin KE68T adhesive is suited to installations on floors and walls.

UZIN KR 430 is a 2-component polyurethane adhesive ideal for the installation of all types of floor coverings that demand reliable bonding in extreme conditions. Suitable for floor covering installations subject to heavy use and rolling loads, UZIN KR 430 cures to an extremely high final strength and hardness with excellent resistance to plasticizers, surface moisture and temperature exposure.

The Functional requirement given in the clause E3.2 is the "building must be constructed to avoid the likelihood of –
 (a) Fungal growth or the accumulation of contaminants on linings and other building elements; and
 (b) Free water overflow penetrating to an adjoining household unit; and (c) Damage to building elements being caused by the presence of moisture".





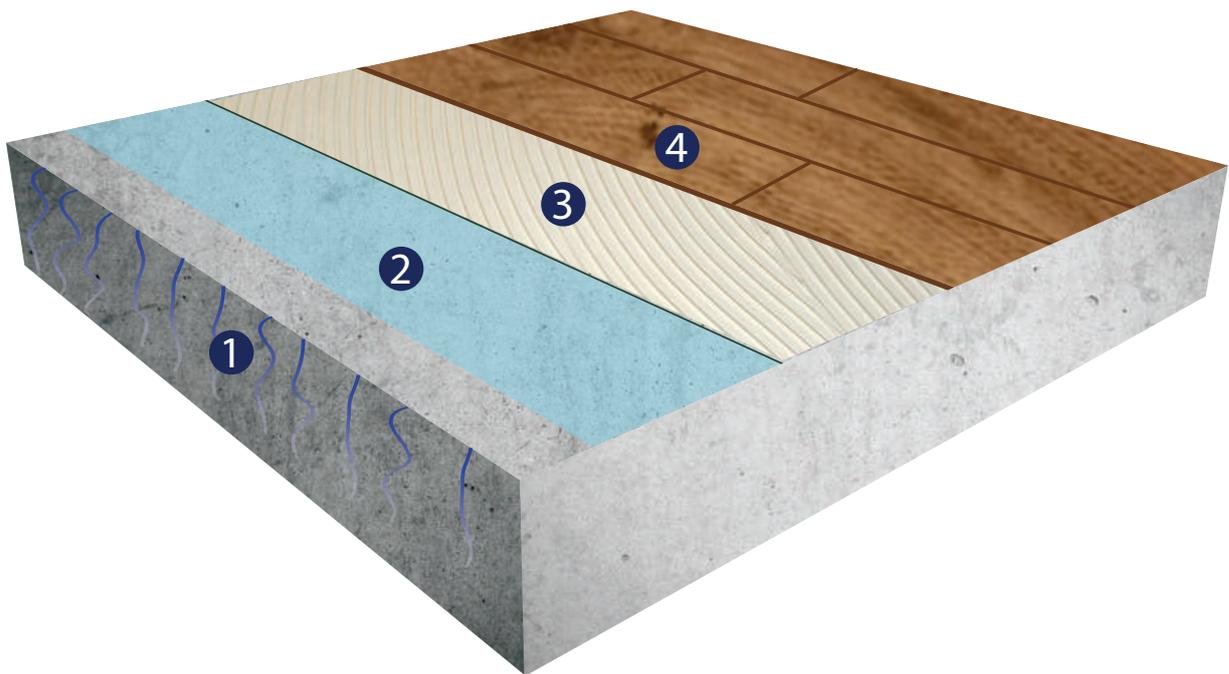
GILT EDGE SEAMLESS FLOORING SYSTEMS

WET ROOM SYSTEMS

LUXURY VINYL TILE (LVT) WET ROOMS WATERSPLASH INSTALLATION SYSTEM ALTERNATIVE SOLUTION - E3/AS1 BUILDING CODE- INTERNAL MOISTURE FOR FINISHES TO FLOORS: BATHROOMS

Must be read in conjunction with E3/AS1 November 4th 2021 Building Code. The following information is based on adhesive performance only to assist in the Alternative Solutions options for the installer. It is essential the LVT supplier provides their own documentation as to the floorcoverings suitability as required by E3/AS1.

- 1 Concrete substrate treated with Protect Crete Densi-Proof (Optional.)
- 2 Subfloor Preparation Systems (Optional site specific as required.)
Subfloor primed with Uzin PE280 (Non-porous) or Uzin PE520 (Porous)
OPTION 1.) Uzin NC160 or NC170 Levelling Compound
OPTION 2.) Uzin NC888 feather Finish
- 3 **ADHESIVE OPTION 1:** UZIN KE68T 1- Component Hybrid Adhesive
ADHESIVE OPTION 2: UZIN KR430 2-Part Urethane Adhesive
- 4 Luxury Vinyl Tile (LVT) as Specified: Refer to supplier/manufacturer regarding E3/AS1 code compliance.



Uzin KE68T adhesive is a single component high performance 'urethane type' adhesive that is suited to a large range of installations requiring high dimensional stability in extreme conditions such as sun-drenched areas, high point loading and areas requiring water-resistance from the top of the floorcoverings (wet areas). Uzin KE68T adhesive is suited to installations on floors and walls.

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UZUN[®]
Giltgrip[®]





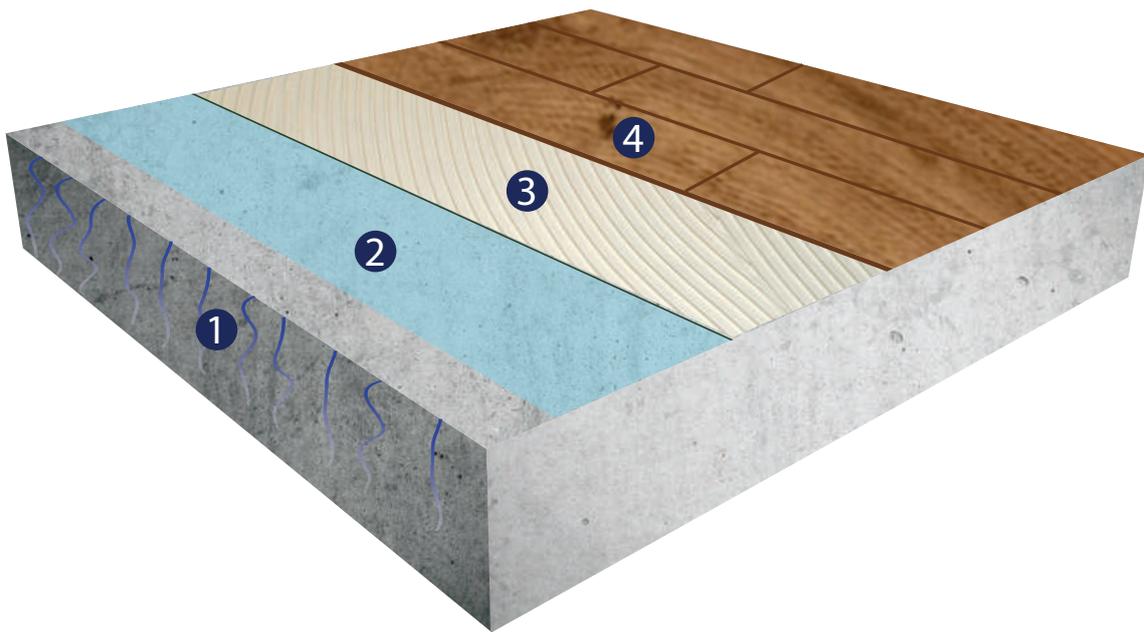
GILT EDGE SEAMLESS FLOORING SYSTEMS

WET ROOM SYSTEMS

LUXURY VINYL TILE (LVT) WET ROOMS WATERSPLASH INSTALLATION SYSTEM ALTERNATIVE SOLUTION - E3/AS1 BUILDING CODE- INTERNAL MOISTURE FOR FINISHES TO FLOORS: KITCHENS, TOILETS AND LAUNDRIES

Must be read in conjunction with E3/AS1 November 4th 2021 Building Code. The following information is based on adhesive performance only to assist in the Alternative Solutions options for the installer. It is essential the LVT supplier provides their own documentation as to the floorcoverings suitability as required by E3/AS1.

- 1 Concrete substrate treated with Protect Crete Densi-Proof (Optional.)
- 2 Subfloor Preparation Systems (Optional site specific as required.)
Subfloor primed with Uzin PE280 (Non-porous) or Uzin PE520 (Porous)
OPTION 1.) Uzin NC160 or NC170 Levelling Compound
OPTION 2.) Uzin NC888 feather Finish
- 3 **ADHESIVE OPTION 1:** UZIN KE66 Fibre Reinforced Adhesive
ADHESIVE OPTION 2: UZIN KE68T 1- Component Hybrid Adhesive
ADHESIVE OPTION 3: UZIN KR430 2-Part Adhesive
- 4 Luxury Vinyl Tile (LVT) as Specified: Refer to supplier/manufacturer regarding E3/AS1 code compliance.



UZIN KE66 Fibre-reinforced adhesive is a highly shear-resistant dispersion adhesive contributes greatly in minimizing open joints, e.g. for PVC design floor coverings. Uzin KE66 adhesive can be used in areas subject to elevated temperatures. When exposed to prolonged water forms from the top, a single or 2- component high performance 'urethane type' adhesive such as UZIN KE68T 1-part or UZIN KR 430 2-part must be used. Refer to document Uzin KE66 Statement of Usage E3AS1 12112021

Uzin KE68T adhesive is a single component high performance 'urethane type' adhesive that is suited to a large range of installations requiring high dimensional stability in extreme conditions such as sun-drenched areas, high point loading and areas requiring water-resistance from the top of the floorcoverings (wet areas). Uzin KE68T adhesive is suited to installations on floors and walls.

UZIN KR 430 is a 2-component polyurethane adhesive ideal for the installation of all types of floor coverings that demand reliable bonding in extreme conditions. Suitable for floor covering installations subject to heavy use and rolling loads, UZIN KR 430 cures to an extremely high final strength and hardness with excellent resistance to plasticizers, surface moisture and temperature exposure.

The Functional requirement given in the clause E3.2 is the "building must be constructed to avoid the likelihood of – (a) Fungal growth or the accumulation of contaminants on linings and other building elements; and (b) Free water overflow penetrating to an adjoining household unit; and (c) Damage to building elements being caused by the presence of moisture"

UZIN[®]
Giltgrip[®]





GILT EDGE SEAMLESS FLOORING SYSTEMS

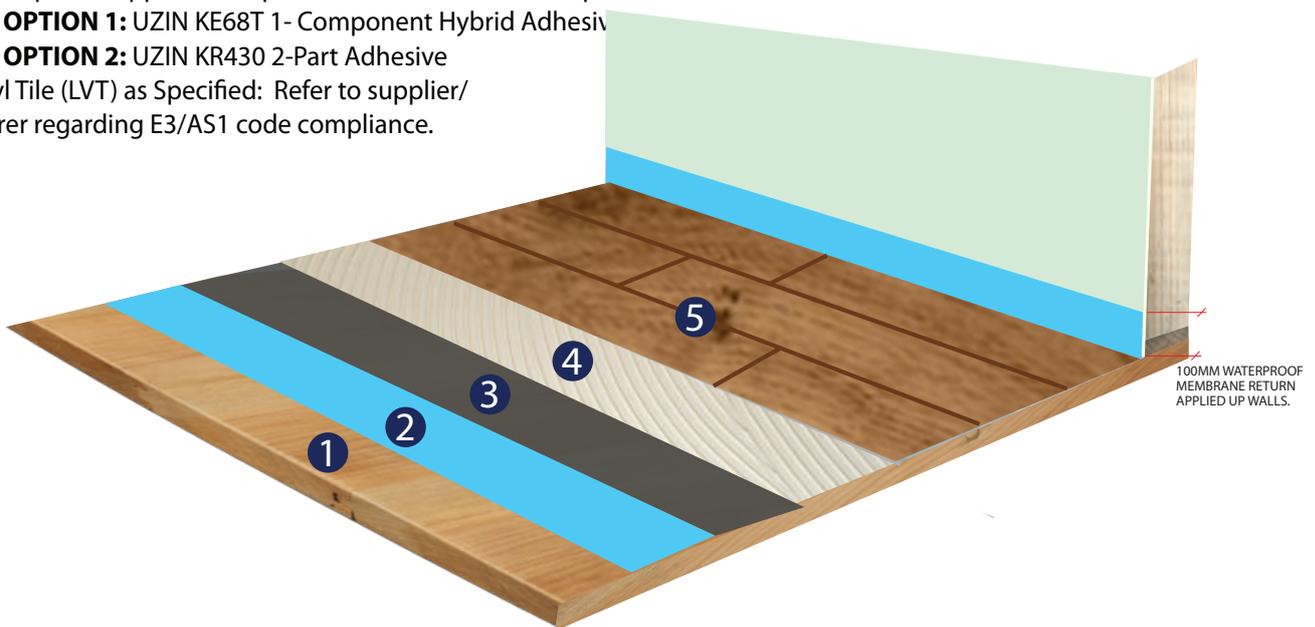
WET ROOM SYSTEMS

LUXURY VINYL TILE (LVT) ON TIMBER SUBFLOORS WET ROOMS CONTAINMENT INSTALLATION SYSTEM ALTERNATIVE SOLUTION- E3/AS1 BUILDING CODE - INTERNAL MOISTURE FOR FINISHES TO FLOORS:

Containment - water from accidental overflow from a sanitary fixture that "could damage an adjoining household unit or other property". The affected areas are defined as having a sanitary Fixing (e.g. toilet, sink, shower or bath) or sanitary appliance (e.g. washing machine or dishwasher.)

Must be read in conjunction with E3/AS1 November 4th 2021 Building Code. The following information is based on adhesive performance only to assist in the Alternative Solutions options for the installer. It is essential the LVT supplier provides their own documentation as to the floorcoverings suitability as required by E3/AS1.

- 1 Composite Timber Subfloor Sheet Type: Particle Board/Plywood/Strandfloor.
NB: For Cross Laminate Timber (CLT)/Parallel Laminated Timber (PLT) Type Construction Panel Subfloors: Contact Gilt Edge Technical for project specific system advice and selections.
- 2 RLA Flexi-Seal P.U.D. Waterproof Membrane pre-primed with Roberts Universal Acrylic Primer.
- 3 PE650 flexible primer with minimum 3mm thickness of Uzin NC196 Fibre-Reinforced Levelling Compound applied over primed Flexi-Seal PUD Waterproof Membrane.
- 4 **ADHESIVE OPTION 1:** UZIN KE68T 1- Component Hybrid Adhesive
ADHESIVE OPTION 2: UZIN KR430 2-Part Adhesive
- 5 Luxury Vinyl Tile (LVT) as Specified: Refer to supplier/ manufacturer regarding E3/AS1 code compliance.



Uzin KE68T adhesive is a single component high performance 'urethane type' adhesive that is suited to a large range of installations requiring high dimensional stability in extreme conditions such as sun-drenched areas, high point loading and areas requiring water-resistance from the top of the floorcoverings (wet areas). Uzin KE68T adhesive is suited to installations on floors and walls.

UZIN KR 430 is a 2-component polyurethane adhesive ideal for the installation of all types of floor coverings that demand reliable bonding in extreme conditions. Suitable for floor covering installations subject to heavy use and rolling loads, UZIN KR 430 cures to an extremely high final strength and hardness with excellent resistance to plasticizers, surface moisture and temperature exposure.

The Functional requirement given in the clause E3.2 is the "building must be constructed to avoid the likelihood of – (a) Fungal growth or the accumulation of contaminants on linings and other building elements; and (b) Free water overflow penetrating to an adjoining household unit; and (c) Damage to building elements being caused by the presence of moisture".





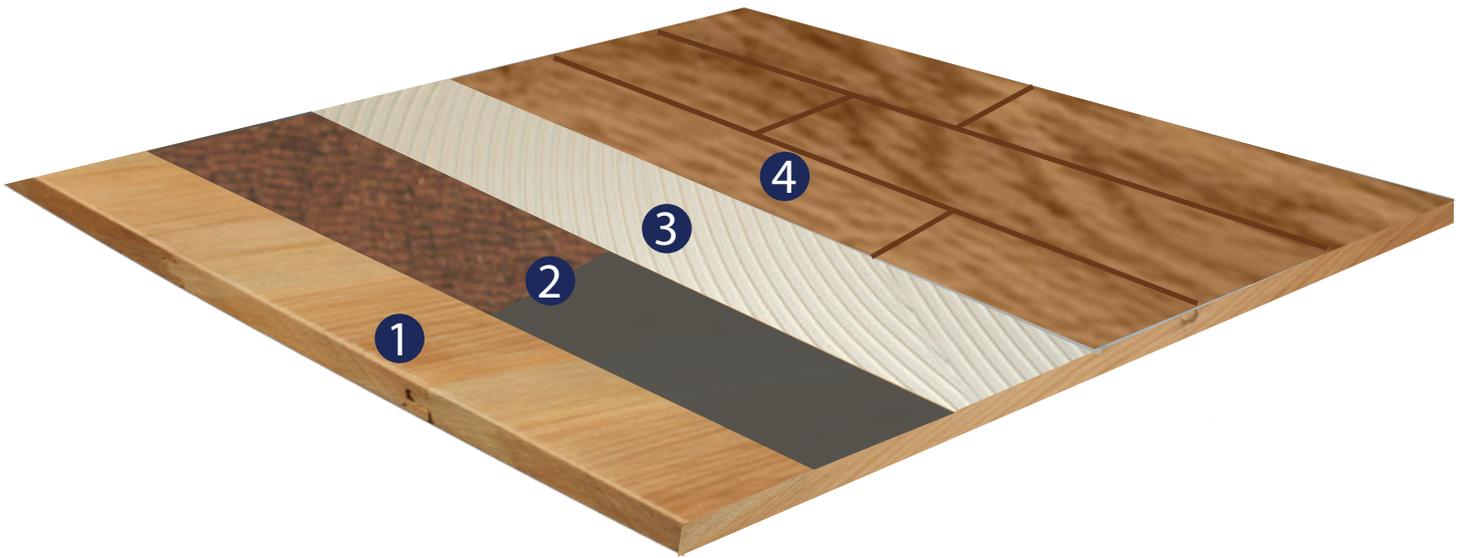
GILT EDGE SEAMLESS FLOORING SYSTEMS

WET ROOM SYSTEMS

LUXURY VINYL TILE (LVT) ON TIMBER SUBFLOORS WET ROOMS WATERSPLASH INSTALLATION SYSTEM ALTERNATIVE SOLUTION - E3/AS1 BUILDING CODE- INTERNAL MOISTURE FOR FINISHES TO FLOORS: KITCHENS, TOILETS AND LAUNDRIES

Must be read in conjunction with E3/AS1 November 4th 2021 Building Code. The following information is based on adhesive performance only to assist in the Alternative Solutions options for the installer. It is essential the LVT supplier provides their own documentation as to the floorcoverings suitability as required by E3/AS1.

- 1 Composite Timber Subfloor Sheet Type: Particle Board/Plywood/Strandfloor.
NB: For Cross Laminate Timber (CLT)/Parallel Laminated Timber (PLT) Type Construction Panel Subfloors: Contact Gilt Edge Technical for project specific system advice and selections.
- 2 **OPTION A.)** Sheet Overlay: Trimtec Hardboard 5.5mm thickness
OPTION B.) Levelling System: UZIN PE650 Flexible filler/primer with 3mm minimum thickness UZIN NC196 Fibre Reinforced.
- 3 **ADHESIVE OPTION 1:** UZIN KE66 Fibre Reinforced Adhesive
ADHESIVE OPTION 2: UZIN KE68T 1- Component Hybrid Adhesive
ADHESIVE OPTION 3: UZIN KR430 2-Part Adhesive
- 4 Luxury Vinyl Tile (LVT) as Specified: Refer to supplier/manufacturer regarding E3/AS1 code compliance.



UZIN KE66 Fibre-reinforced adhesive is a highly shear-resistant dispersion adhesive contributes greatly in minimizing open joints, e.g. for PVC design floor coverings. Uzin KE66 adhesive can be used in areas subject to elevated temperatures. When exposed to prolonged water forms from the top, a single or 2- component high performance 'urethane type' adhesive such as UZIN KE68T 1-part or UZIN KR 430 2-part must be used. Refer to document Uzin KE66 Statement of Usage E3AS1 12112021

Uzin KE68T adhesive is a single component high performance 'urethane type' adhesive that is suited to a large range of installations requiring high dimensional stability in extreme conditions such as sun-drenched areas, high point loading and areas requiring water-resistance from the top of the floorcoverings (wet areas). Uzin KE68T adhesive is suited to installations on floors and walls.

UZIN KR 430 is a 2-component polyurethane adhesive ideal for the installation of all types of floor coverings that demand reliable bonding in extreme conditions. Suitable for floor covering installations subject to heavy use and rolling loads, UZIN KR 430 cures to an extremely high final strength and hardness with excellent resistance to plasticizers, surface moisture and temperature exposure.

The Functional requirement given in the clause E3.2 is the "building must be constructed to avoid the likelihood of – (a) Fungal growth or the accumulation of contaminants on linings and other building elements; and (b) Free water overflow penetrating to an adjoining household unit; and (c) Damage to building elements being caused by the presence of moisture"





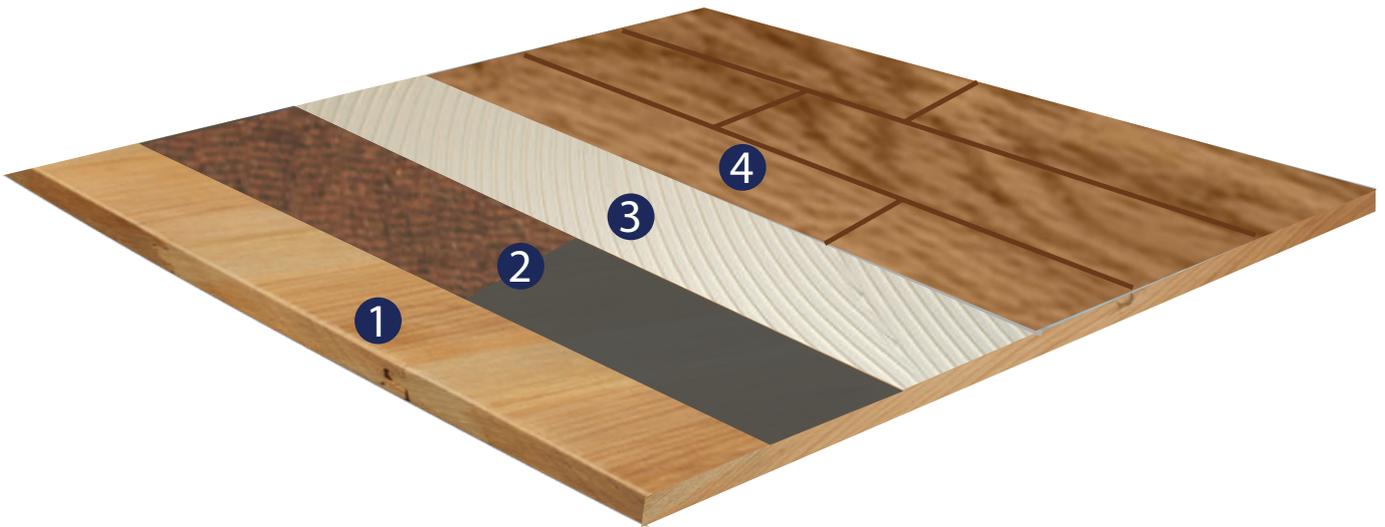
GILT EDGE SEAMLESS FLOORING SYSTEMS

WET ROOM SYSTEMS

LUXURY VINYL TILE (LVT) ON TIMBER SUBFLOORS WET ROOMS WATERSPLASH INSTALLATION SYSTEM ALTERNATIVE SOLUTION - E3/AS1 BUILDING CODE- INTERNAL MOISTURE FOR FINISHES TO FLOORS: BATHROOMS

Must be read in conjunction with E3/AS1 November 4th 2021 Building Code. The following information is based on adhesive performance only to assist in the Alternative Solutions options for the installer. It is essential the LVT supplier provides their own documentation as to the floorcoverings suitability as required by E3/AS1.

- 1 Composite Timber Subfloor Sheet Type: Particle Board/Plywood/Strandfloor.
NB: For Cross Laminate Timber (CLT)/Parallel Laminated Timber (PLT) Type Construction Panel Subfloors: Contact Gilt Edge Technical for project specific system advice and selections.
- 2 **OPTION A.)** Sheet Overlay: Trimtec Hardboard 5.5mm thickness
OPTION B.) Levelling System: UZIN PE650 Flexible filler/primer with 3mm minimum thickness UZIN NC196 Fibre Reinforced
- 3 **ADHESIVE OPTION 1:** UZIN KE68T 1- Component Hybrid Adhesive
ADHESIVE OPTION 2: UZIN KR430 2-Part Urethane Adhesive
- 4 Luxury Vinyl Tile (LVT) as Specified: Refer to supplier/manufacturer regarding E3/AS1 code compliance.



Uzin KE68T adhesive is a single component high performance 'urethane type' adhesive that is suited to a large range of installations requiring high dimensional stability in extreme conditions such as sun-drenched areas, high point loading and areas requiring water-resistance from the top of the floorcoverings (wet areas). Uzin KE68T adhesive is suited to installations on floors and walls.

UZIN KR 430 is a 2-component polyurethane adhesive ideal for the installation of all types of floor coverings that demand reliable bonding in extreme conditions. Suitable for floor covering installations subject to heavy use and rolling loads, UZIN KR 430 cures to an extremely high final strength and hardness with excellent resistance to plasticizers, surface moisture and temperature exposure.

The Functional requirement given in the clause E3.2 is the "building must be constructed to avoid the likelihood of – (a) Fungal growth or the accumulation of contaminants on linings and other building elements; and (b) Free water overflow penetrating to an adjoining household unit; and (c) Damage to building elements being caused by the presence of moisture"





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