

# Englefield & Kohler Shower Enclosures

## BPIR Declaration

Version: A1 (12/23)

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### Designated building product: Class 1

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### Declaration

Kohler New Zealand Limited has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

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### Product/system

<b>Name</b>	Englefield & Kohler Shower Enclosures
<b>Identifier</b>	Englefield: Evora / Milano / Valencia Elite / Sapphire / ShowerWorks / Ruby II / Topaz II / Azure II / Emerald II  Kohler: Torsion  (includes Englefield Acrylic Shower Trays, Duracryl® Shower Wall / Easy Clean Trap / Hi-Flow Waste)

### Description

A complete shower enclosure comprising an Acrylic Shower Tray, Easy-Clean Trap or Hi-Flow Waste, optional Duracryl® Shower Wall & a Pivot, Hinged or Sliding Shower Door (& Return, as applicable), intended for personal showering in residential & commercial buildings.

The shower tray is made from fibreglass & particle board reinforced Sanitary Grade Acrylic & features a 40mm high continuous upstand on each side to be installed against a wall. Sanitary Grade Acrylic features a high gloss surface for ease of cleaning.

The Duracryl® shower wall is made from a single, folded piece of 2.0mm Senosan® 3000X PMMA (Acrylic) capped ABS sheet featuring an Antibac® antimicrobial surface for hygiene & ease of cleaning. The recommended shower wall adhesive is Sika® Showerbond.

The shower door (& return, as applicable) comprises Grade A toughened safety glass complying with AS/NZS 2208 & NZS 4223.3, with powder coated or anodised aluminium framing & PVC seals. The hardware is in Stainless Steel, finished Zinc alloy & ABS. The silicone sealant for sealing the shower wall is white or translucent Sikasil® NG.

Square / Rectangular sizes: 750x900 (LH or RH), 900x900, 1000x1000,

1200x900 (LH or RH), 1200x1000 (LH or RH).

Round sizes: 900x900, 1000x1000, 1200x900 (LH or RH).

Alcove sizes: 750x900, 900x750, 900x900, 1000x1000, 1200x900, 1200x1000

All sizes are nominal & specific availability varies according to the chosen range (identifier).

## Scope of use

For interior installations in residential & commercial buildings, with timber or concrete flooring.

Install as a complete Acrylic Shower Enclosure (comprising Acrylic Shower Tray, Duracryl Shower Wall & Shower Door Set) or as a Tile Wall Option Shower Enclosure (comprising Acrylic Shower Tray & Shower Door Set only - Waterproofing & Tiles are not included).

Waste / drain holes are located either centrally or in the rear corner of the Englefield Acrylic Shower Trays & must be fitted with the Englefield Easy Clean Trap or Hi Flow Waste which have standard DN40 waste outlets. Hot water must be supplied to this sanitary fixture via adjacent tapware.

## Conditions of use

Englefield & Kohler Shower Enclosures must be installed and maintained in accordance with our supplied instructions. Englefield Acrylic Shower Trays must be fully supported and installed level. Duracryl® Shower Walls must be installed using only Sika® Showerbond adhesive. The substrate must not have been previously plastered, sealed or painted. Gaps must be left in the adhesive pattern to allow solvent release. The edge of the wall liner should not be sealed until the adhesive has cured.

Sealing of the Duracryl® Shower Wall to the upstand of the Englefield Acrylic Shower Tray & the Englefield / Kohler Shower Door Set to the Englefield Acrylic Shower Tray must be completed only using Sikasil NG silicone sealant. Special attention must be paid to the specific requirement for each joint - please refer to the installation instructions for further information.

The tapware & waste must be installed by a Registered Plumber. The maximum permitted temperature of water at the shower outlet is 50 degrees Celsius.

## Relevant building code clauses

**B2 Durability** — B2.3.1 (c)

**E3 Internal moisture** — E3.3.4, E3.3.5, E3.3.6

**F2 Hazardous building materials** — F2.3.1, F2.3.3

**G1 Personal Hygiene** — G1.3.2

**G12 Water Supplies** — G12.3.2

**G13 Foul Water**

## Contributions to compliance

- B2.3.1(c):** Per B2/AS1, Durability Requirements of Nominated Building Elements for Plumbing Fixtures, Englefield Shower Enclosures have a durability of at least 5 years, when installed and maintained in accordance with our supplied instructions. Englefield Acrylic Shower Trays are designed & manufactured to AS 3588: 1996 (Shower bases and shower modules).
- E3/AS1 3.3.1:** Englefield Acrylic Shower Tray & Duracryl® Shower Wall surfaces are impervious.
- E3/AS1 3.3.1.1:** The Englefield Acrylic Shower Trays are made from fibreglass & particle board reinforced Sanitary Grade Acrylic.
- E3/AS1 3.3.1.2:** The Englefield Duracryl® shower walls are made from a single, folded piece of 2.0mm Senosan® 3000X PMMA (Acrylic) capped ABS sheet, without any joints.
- E3/AS1 3.3.2:** The Englefield Acrylic Shower Trays are constructed with 40mm high continuous moulded upstand on each side to be installed against a wall.
- E3/AS1 3.3.2.1:** The minimum height for Englefield / Kohler shower doors & Duracryl® shower walls is 1830mm.
- E3/AS1 3.3.2.2:** The junction between the Englefield Acrylic Shower Tray & Duracryl® Shower Wall is constructed in accordance with Figure 4 (b).
- F2.3.1:** No materials used in the construction of Englefield Shower Enclosures give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.
- F2.3.3:** Per F2/AS1 1.1.1 all Glazing in Englefield / Kohler Shower Doors complies with NZS 4223: Part 3. Each glass panel is manufactured & marked in accordance with AS/NZS 2208. Please contact us for the current AS/NZS 2208 certificate.
- G1.3.2:** The Sanitary Grade Acrylic used in Englefield Acrylic Shower Trays features a high gloss surface for ease of cleaning. The Duracryl® shower wall also features a high gloss surface, in addition to an Antibac® antimicrobial surface for hygiene & ease of cleaning.
- G1/AS1 2.6.1:** Englefield Acrylic Shower Trays are designed & constructed to AS 3588 (Shower bases and shower modules).
- G12.3.5:** Englefield Shower Enclosures must be provided with hot water to satisfy the intended usage of personal bathing (note - tapware not included).
- G13/AS1 2.1.1:** The Englefield Easy Trap complies with AS 2887 & is Watermark certified to this standard under Licence no. WM-022335
- G13/AS1 3.2.1:** As a wastewater fixture trap, the Englefield Easy Trap features a 75mm water seal.

## Supporting documentation

The following additional documentation supports the above statements:

<b>Installation instructions – Shower Tray</b>	<a href="#">1236457-A02-E</a>
<b>Installation instructions – Easy Clean Trap</b>	<a href="#">V086220-H</a>
<b>Installation instructions – Hi Flow Waste</b>	<a href="#">1235385-A02-A</a>
<b>Installation instructions – Shower Wall</b>	<a href="#">1123738-A02-G</a>
<b>Installation instructions – Shower Door</b>	Refer website
<b>Warranty statement(s)</b>	Englefield: <a href="#">1173923-A</a> Kohler: <a href="#">1173921-A</a>
<b>Care &amp; maintenance guide</b>	<a href="#">Homeowners Care Guide</a>

For further information supporting Englefield / Kohler Shower Enclosures claims refer to our website.

## Contact details

<b>Manufacture location</b>	New Zealand, China
<b>Manufacturer name(s)</b>	Kohler New Zealand Limited, Shanghai Kohler Co. Ltd., Zhongshan Kohler Shower Co. Ltd. & other Kohler approved manufacturers.
<b>Legal and trading name of manufacturer/importer</b>	Kohler New Zealand Limited
<b>Manufacturer/importer address for service</b>	133 Diana Drive Auckland 0627
<b>Manufacturer/importer website(s)</b>	<a href="#">englefield.co.nz</a> <a href="#">kohler.co.nz</a>
<b>Manufacturer/importer email</b>	customerservicesnz@kohler.com
<b>Manufacturer/importer phone number</b>	099806800
<b>Manufacturer/importer NZBN</b>	9429037167615