

1. GENERAL

1.1 GENERAL

This specification relates to the installation of the Jacobsen® NBK Terracotta TERRART® Cladding system.

1.2 RELATED WORK

The installation of Jacobsen® NBK Terracotta TERRART® relies on:

- a primary structure that is able to support a medium weight cladding system as defined in section 1 of NZS 3604:2011; and
- a primary structure that:
 - complies with the NZ Building Code and is designed in accordance with NZS 3604:2011, or NASH Standard Parts 1 and 2: 2019, or
 - NZS 3101.1 and 2, or NZS 4229:2013; or
 - is suitable for the intended building work if the building is an existing building; or
 - is specifically designed in accordance with AS/NZS1170.0; and
- a substrate within a maximum horizontal or vertical deviation of 5 mm for structural tolerance and 3 mm for non-structural tolerance, with an underlay or rigid air barrier that complies with the NZ Building Code; except for a concrete substrate, for which a rigid air barrier is only required where a straight and true finish to CSP 4 cannot be achieved.

1.3 DOCUMENTS

Refer to the following manufacturer's documents:

- Jacobsen® NBK Terracotta TERRART® Cladding System pass™
- Jacobsen® NBK Terracotta TERRART® Cladding System Installation guide
- the relevant Jacobsen® NBK Terracotta TERRART® details
- Jacobsen® NBK Terracotta TERRART® Cladding System Care and Maintenance guide
- Jacobsen® NBK Terracotta TERRART® Cladding System warranty.

Refer to the following related documents:

- NZS 3604:2011 Timber-framed buildings
- NZS 1170.0:2002 Structural Design Actions
- NASH Standard Parts 1 and 2: 2019
- NZS 3101.1 and 2
- NZS 4229:2013.

1.4 GENERAL DESIGN CONSIDERATIONS

The system must be specified in accordance with Jacobsen® NBK Terracotta TERRART® Cladding System Design guide.

2. PRODUCTS

2.1 PRODUCT DESCRIPTION

The Jacobsen® NBK Terracotta TERRART® Cladding System is a ventilated curtain wall/rainscreen system supplied for use as an external wall façade and as an internal lining or feature wall.

The system comprises natural terracotta clay tiles or baguettes and a proprietary aluminium fixing system.

The TERRART® tiles

TERRART® tiles weigh between 32 – 65 kg/m² and are classified as a medium weight cladding (refer to NZS 3604:2011, section 1.3).

TERRART® tiles are available as follows:

	Large	Mid	Shingle	Solid	Lite
Length (max) (mm)	3000	1800	1800	1200	1360
Height (mm)	800	500	300	600	300
Thickness (mm)	40	28	25 and 40	20 and 30	22
Surface finishes	Natural, honed, textured, peeled, profiled, glazed				
Mass (kg/m ²)	65	45	65	35	36

The TERRART® baguettes

TERRART® baguettes are ceramic pipes with square, rectangular or oblong cross-sections or custom-made as curved or coffer elements. They are intended to be used as an open façade such as a privacy screen to window areas.

The fixing system

The specifically designed 6063-T5 aluminium bracket support system is supplied in horizontal and vertical channel configurations. The panels are located into position using a proprietary hidden clip or a continuous back carrier with varying cavity depth.

2.2 ASSEMBLY COMPONENTS

The following assembly components are supplied by Jacobsen® NBK Terracotta TERRART® Cladding System:

TERRART® tiles

- TERRART® large tile, 3000 mm x 800 mm x 40 mm, natural, honed, textured, profiled or glazed
- TERRART® mid tile, 1800 mm x 500 mm x 28 mm, natural, honed, textured, profiled or glazed
- TERRART® shingle tile, 1800 mm x 300 mm x 25 mm or 40 mm, natural, honed, textured, profiled or glazed
- TERRART® solid tile, 1200 mm x 600 mm x 20 mm or 30 mm, natural, honed, textured, profiled or glazed
- TERRART® lite tile, 1360 mm x 300 mm x 22 mm, natural, honed, textured, profiled or glazed

TERRART® baguettes

- TERRART® baguette square, natural, honed, textured, profiled or glazed
- TERRART® baguette rectangular, natural, honed, textured, profiled or glazed
- TERRART® baguette oblong, natural, honed, textured, profiled or glazed
- TERRART® baguette custom, natural, honed, textured, profiled or glazed

Support system

- NBK aluminium top clip V28N
- NBK aluminium bottom clip V28N
- NBK aluminium standard clip V28N
- Horizontal aluminium track HT03
- Vertical aluminium track.

2.3 ACCESSORY COMPONENTS

The following accessory components are required:

- Sus-screw
- Aluminium flashing
- Aluminium bracket
- Pre-punched 4 mm aluminium bracket (refer: Support System, Section 2.2)
- Aluminium corner trim
- PVC joint (refer: Support System, Section 2.2)
- Finish trims.

2.4 SUBSTITUTIONS

Substitutions are not permitted to any of the specified components listed in this section.

3. EXECUTION

3.1 QUALIFICATIONS

The installation of the Jacobsen® NBK Terracotta TERRART® Cladding System must be carried out by a competent and experienced builder.

3.2 RESTRICTED BUILDING WORK

Where Restricted Building Work applies, the installer shall be a Licensed Building Practitioner (LBP) or be supervised by an LBP with the relevant licence class.

3.3 CHECK RELATED WORK

Confirm the primary structure and wall substrate has been constructed in accordance with the building consent and construction drawings or, in the case of an existing building, that the existing building is suitable for the intended building work.

4. APPLICATION

4.1 GENERAL

The installation of the Jacobsen® NBK Terracotta TERRART® Cladding System must be completed in accordance with the instructions in the Jacobsen® NBK Terracotta TERRART® Cladding System Installation guide and the building consent documentation.

All conditions contained in the building consent documentation must be met.

4.2 RECEIPT OF PRODUCT

Ensure that all product supplied by Jacobsen® is:

- free of defects at the time of delivery and
- handled and stored in accordance with all Jacobsen® requirements.

5. COMPLETION

5.1 QUALITY CHECK

Check the installation to ensure all components have been installed in accordance with all Jacobsen® requirements.

5.2 WARRANTIES

A 15-year manufacturer's warranty is available for the Jacobsen® NBK Terracotta TERRART® Cladding System. Refer to www.jacobsen.co.nz.

5.3 INFORMATION FOR CARE AND MAINTENANCE

The Jacobsen® NBK Terracotta TERRART® Cladding System requires minimal care and maintenance to maintain performance and appearance of the system. Refer to the Jacobsen® NBK Terracotta TERRART® Cladding System Care and Maintenance guide.

6. PROJECT-SPECIFIC SELECTIONS

PROJECT DETAILS

Project address

Lot/DP number

Date of plans

Purpose of plans

Description of building work and reference to drawing numbers

DOCUMENTS SUPPLIED (CHECK WHICH APPLIES)

☐ Jacobsen® NBK Terracotta TERRART® Cladding System pass™

☐ Jacobsen® NBK Terracotta TERRART® Cladding System Care and Maintenance guide

☐ Jacobsen® NBK Terracotta TERRART® details

☐ Jacobsen® NBK Terracotta TERRART® Cladding System Installation guide

☐ Jacobsen® NBK Terracotta TERRART® Cladding System warranty

DESIGNER CONFIRMATION

Location

Wind zone or design pressure (ULS)

☐ Low

☐ Medium

☐ High

☐ Very high

☐ Extra high

☐ Design pressure

☐ Specific design

Exposure zone as per NZS 3604:2011

☐ A

☐ B

☐ C

☐ D

Proximity to boundry

☐ Less than 1 m

☐ Greater than 1 m

Building

Framing material

☐ Timber

☐ Lightweight steel

☐ Existing building assessed as being suitable for intended building work

☐ Other specify

Substrate

☐ Underlay

☐ Rigid air barrier

☐ Rigid insulation

ASSEMBLY COMPONENT SELECTIONS

- ☐ TERRART® large tile, 3000 mm x 800 mm x 40 mm, natural, honed, textured, profiled or glazed
- ☐ TERRART® mid tile, 1800 mm x 500 mm x 28 mm, natural, honed, textured, profiled or glazed
- ☐ TERRART® shingle tile, 1800 mm x 300 mm x 25 mm or 40 mm, natural, honed, textured, profiled or glazed
- ☐ TERRART® solid tile, 1200 mm x 600 mm x 20 mm or 30 mm, natural, honed, textured, profiled or glazed
- ☐ TERRART® lite tile, 1360 mm x 300 mm x 22 mm, natural, honed, textured, profiled or glazed
- ☐ TERRART® baguette square, natural, honed, textured, profiled or glazed
- ☐ TERRART® baguette rectangular, natural, honed, textured, profiled or glazed
- ☐ TERRART® baguette oblong, natural, honed, textured, profiled or glazed
- ☐ TERRART® baguette custom, natural, honed, textured, profiled or glazed
- ☐ NBK aluminium top clip V28N
- ☐ NBK aluminium bottom clip V28N
- ☐ NBK aluminium standard clip V28N
- ☐ Horizontal aluminium track HT03
- ☐ Vertical aluminium track

ACCESSORY COMPONENT SELECTIONS

- ☐ Sus-screw
- ☐ Aluminium flashing
- ☐ Aluminium bracket
- ☐ Pre-punched 4 mm aluminium bracket
- ☐ PVC joint
- ☐ Finishing trim.

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