

kuraray

Noritake

Multi-Layered High-Translucent Hybrid Ceramic Blocks



AVENCIA™ Block 2



—
Strong
Swift
Antagonist-friendly
Expressive

2 efficient, aesthetic options for single-unit restorations

KATANA™ AVENCIA™ Block 2 is a second-generation Hybrid Ceramic block crafted with your current needs in mind. Whether you would like to produce inlays, onlays, veneers or crowns in your chairside CAD/CAM workflow, the two available options offer everything you need. KATANA™ AVENCIA™ Block 2 Multi-Layer (ML) is designed for the production of crowns

with a natural look, while KATANA™ AVENCIA™ Block 2 High-Translucent (HT) is predestined for inlays and onlays.

Both variants are equipped with high-loading ultrafine particle fillers for durable strength and aesthetics, so that you can easily choose a time-efficient solution for each case.

Multi-Layer (ML)

Block with a multi-layered colour structure with a natural appeal



..... High-Translucent (HT)

High translucency variant designed for partial restorations

 KATANA™
AVENCIA™ Block 2

Mechanical properties

Flexural Strength

231 MPa

Compressive Strength

675 MPa

Kuraray Noritake Inc. data; test method per IFU / Technical Data Sheet

KATANA™ AVENCIA™ Block 2 embodies Kuraray Noritake Dental Inc.'s commitment to precision and innovation in dentistry. Designed to integrate seamlessly into your clinical workflow, it delivers smart, dependable restorations with a natural aesthetic outcome.

Smart, dependable restorations with a natural aesthetic outcome

Excellent mechanical properties

KATANA™ AVENCIA™ Block 2 offers the strength you need for dependable single-unit restorations.

Brilliant aesthetics

A seamless optical integration and high-gloss finish - that is what you get when selecting KATANA™ AVENCIA™ Block 2.

Straightforward bonding protocols

How do you prefer to place your restorations - with a self-adhesive resin cement or one with separate primers?

We offer both - for streamlined workflows that suit your needs.

DISCOVER MORE ABOUT KATANA™ AVENCIA™ BLOCK 2



Unlock the potential of every indirect single-unit restoration

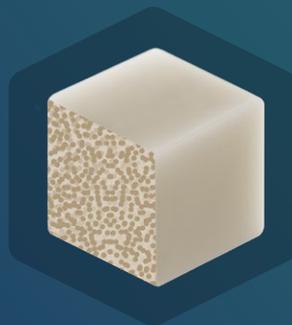
Discover all features

KATANA™ AVENCIA™ Block 2 is equipped with superior optical, mechanical and handling properties, many of which are thanks to an advanced manufacturing process developed

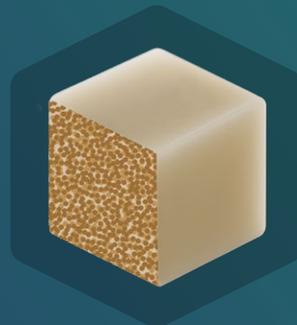
by Kuraray Noritake Dental Inc. Especially the unique filler treatment and resin impregnation process are leading the way towards well balanced features.



Surface treatment for ultrafine particle filler



Layering of coloured filler followed by compression



Impregnation and heat polymerization of resin monomer

Seamless multi-layer technology

1 High strength

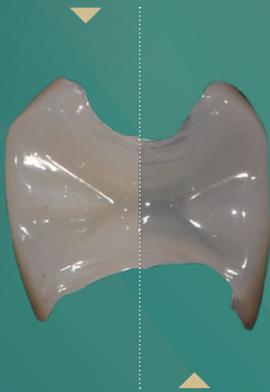
- High-loading of ultrafine-filler particles: Reduces fracture risk and enhance wear resistance for long-lasting restorations.
- Uniform resin impregnation: Enhanced strength and consistency, reducing failures and replacement costs.

2 Natural aesthetics

- High translucency (HT): Thanks to higher translucency and optimised low brightness, your restoration will look natural, even at the margins – for a great blend-in effect.
- Seamless gradation (ML): The multi-layered structure mimics the natural transition of tooth colour.

Higher translucency

KATANA™ AVENCIA™ Block
(low-translucent) A2 LT



KATANA™ AVENCIA™ Block 2
(high-translucent) A2 HT

Multi-layered

KATANA™ AVENCIA™ Block 2
(multi-layer) A2 ML



KATANA™ AVENCIA™ Block
(mono-layer) A2 LT

3 Natural gloss in short time

- Quick polishing, with minimal effort, can be achieved using TWIST™ DIA for Composite to deliver a brilliant, high-gloss finish rapidly, saving chair time and enhancing workflow efficiency.

After milling



After texturing



After polishing



4 Favourable wear properties

- Antagonist-friendly: The smooth nature of the polished surface minimizes wear on opposing teeth, preserving the integrity of the patient's dentition.
- Excellent wear resistance: Low material wear leads to gloss retention over time and supports long-term aesthetics.

5 Time-effective workflow

- No firing required: Save valuable time and reduce operational costs without compromising on quality.

TIP

Cement your restorations with PANAVIA™ SA Cement Universal or PANAVIA™ V5 for stable adhesion and minimized risk of error.



milling

polishing

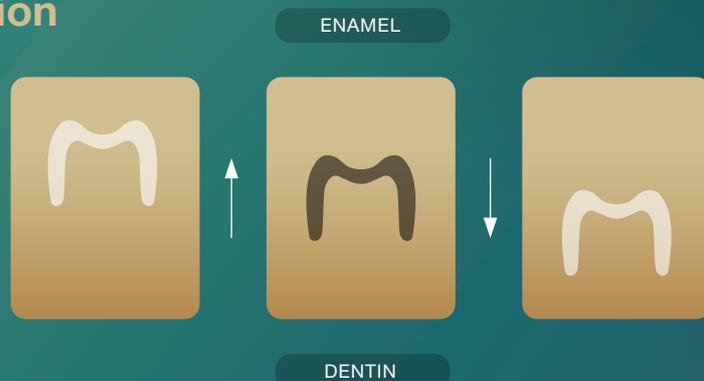
placement

6 Multiple processing options

- Two mandrel options: Availability of blocks with CEREC and UNIVERSAL holder systems allows you to use the equipment you prefer.
- Dry milling capability: The choice between wet and dry milling opens up new processing options - e.g. in your (partner) laboratory.

7 Flexible customization

- Adjustable occlusal to incisal ratio: Modify positioning of the restoration in the block to meet each patient's individual needs.



Elevate your restorative performance

Clinical workflow

Save valuable time and offer true chairside dentistry with this straightforward workflow.

1 Preparation

Prepare the tooth structure in the usual manner.

2 Designing and processing

Select the product shade and size that suits the case. Design and process KATANA™ AVENCIA™ Block 2 with your preferred CAD/CAM system.

3 Shaping and polishing

Shape the restoration in the usual manner. Utilize TWIST™ DIA for Composite polishers to achieve a brilliant, high-gloss finish in a short time, enhancing aesthetics and patient satisfaction.

4 Sandblasting

Condition the prosthetic restoration by air-abrading the bonding surface with alumina powder (30-50 µm) using an air pressure of 1-2 bar.



TWIST™ DIA for Composite

5 Cleaning

After the trial fit, apply KATANA™ Cleaner to the restoration and tooth surfaces. This removes contaminants and enhances bond strength for long-lasting restorations.

6 Cementation

Follow the protocols with PANAVIA™ SA Cement Universal or PANAVIA™ V5 to streamline your workflow to achieve durable bonding.

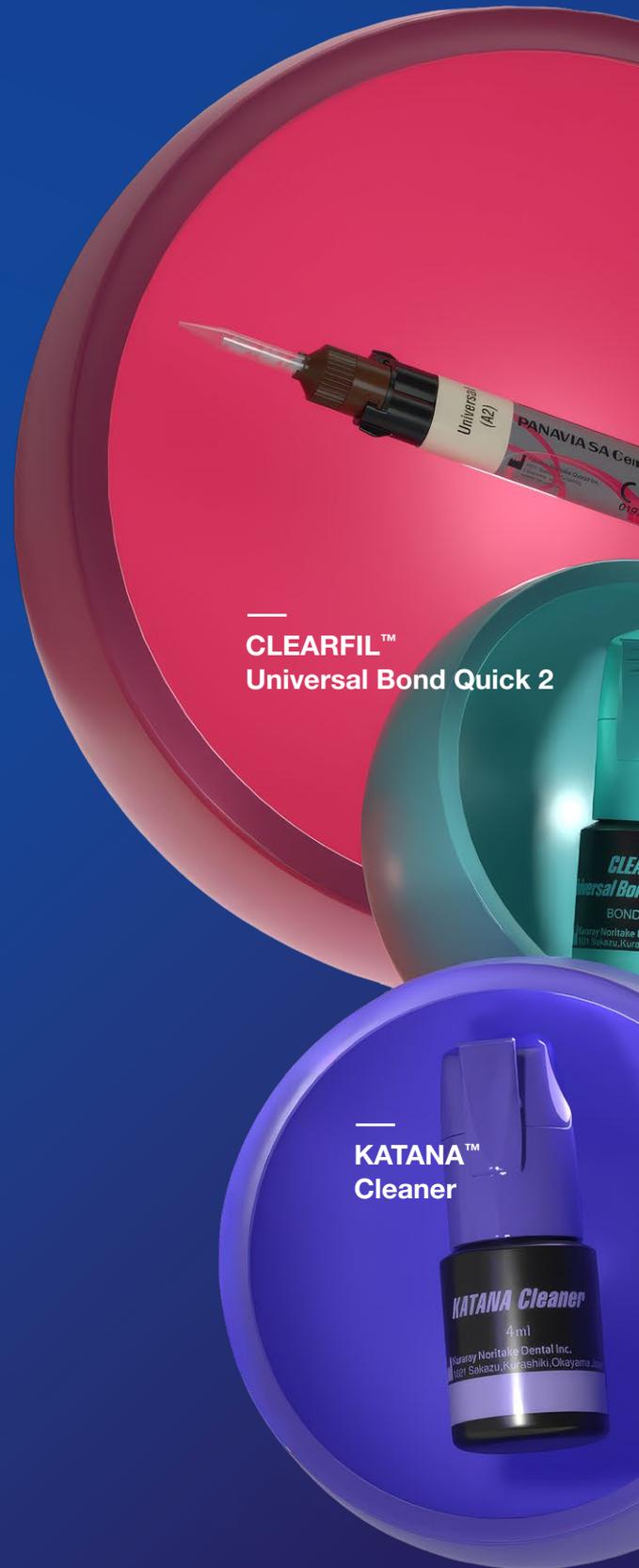
Connects to Universal Excellence

At Kuraray Noritake Dental Inc., we understand the demands of modern dental practices. Balancing complex procedures, tight schedules, and patient care is no easy task. That is why we have spent years refining our materials—so you can focus on what matters most: your patients.

Our universal products simplify your workflow, offering high-quality materials and tools that work seamlessly with your expertise. The KATANA™ AVENCIA™ Block 2 complements our universal portfolio perfectly. Designed for efficiency in restorative dentistry, it pairs seamlessly with PANA VIA™ SA Cement Universal and CLEARFIL™ Universal Bond Quick 2 (optional) for consistent results across a wide range of clinical situations.

Within the philosophy of Universal Excellence, every product connects effortlessly—each designed to work together as one system. For example, KATANA™ AVENCIA™ Block 2 restorations remain modifiable and repairable, complemented by our line of CLEARFIL MAJESTY™ ES composites and flowables.

Smart with Streamlined Solutions



—
**CLEARFIL™
Universal Bond Quick 2**

—
**KATANA™
Cleaner**



—
PANAVIA™
SA CEMENT
Universal



—
KATANA™
AVEENCIA™
Block 2

DISCOVER THE CONNECTION WITH UNIVERSAL EXCELLENCE



Features, technology & shades

Our advanced technology, your benefits

Most of the material's favourable features – like its high mechanical strength, wear resistance, antagonist friendliness and natural aesthetics – are thanks to a proprietary manufacturing technology developed by our R&D team in Japan. The ultrafine particle fillers are coloured and surface-treated first. For KATANA™ AVENCIA™ Block 2 ML, differently shaded fillers are then placed in

layers – the key to a seamless multi-layered structure with transitional changes in chroma and translucency. Finally, for the ML and HT variants, the ultrafine alumina and silica fillers are pressed into high-density blocks, uniformly impregnated with resin monomer and heat-polymerized for excellent mechanical properties and surface smoothness.

Shades and Sizes

Match your patient's tooth shade and select the appropriate block size with our tailored offering:

Multi-Layered shades (ML)

- A1 ML, A2 ML, A3 ML, A3.5 ML

High-Translucent shades (HT)

- A1 HT, A2 HT, A3 HT, A3.5 HT

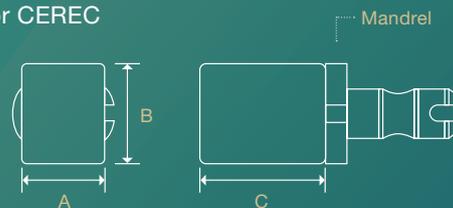
Available sizes:

- Size 12: 10(A) × 12(B) × 15(C) mm (**HT only**)
- Size 14L: 14.5(A) × 14.5(B) × 18(C) mm

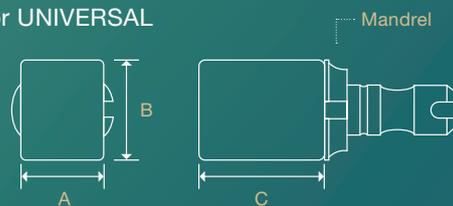
These options enable you to meet your patients' functional and aesthetic expectations while optimizing inventory costs.

NEW:
Dry milling
possible!

For CEREC



For UNIVERSAL



Ordering Information

KATANA™ AVENCIA™ Block 2 (HT) Universal

Size 12 (5 blocks)

#4151-EU 12/A1
#4152-EU 12/A2
#4153-EU 12/A3
#4154-EU 12/A3.5

Size 14 (5 blocks)

#4156-EU 14L/A1
#4157-EU 14L/A2
#4158-EU 14L/A3
#4159-EU 14L/A3.5



KATANA™ AVENCIA™ Block 2 (HT) CEREC

Size 12 (5 blocks)

#4166-EU 12/A1
#4167-EU 12/A2
#4168-EU 12/A3
#4169-EU 12/A3.5

Size 14 (5 blocks)

#4171-EU 14L/A1
#4172-EU 14L/A2
#4173-EU 14L/A3
#4174-EU 14L/A3.5

KATANA™ AVENCIA™ Block 2 (ML) Universal

Size 14 (5 blocks)

#4181-EU 14L/A1
#4182-EU 14L/A2
#4183-EU 14L/A3
#4184-EU 14L/A3.5

KATANA™ AVENCIA™ Block 2 (ML) CEREC

Size 14 (5 blocks)

#4186-EU 14L/A1
#4187-EU 14L/A2
#4188-EU 14L/A3
#4189-EU 14L/A3.5



Complementary product

TWIST™ DIA for Composite

Composite finishing and polishing system.

#1211-IP 10mm Introductory kit (6pcs)
#1212-IP 10mm Pre-polishing Refill (10pcs)
#1213-IP 10mm High-shine polishing Refill (10pcs)
#1214-IP 10mm Trial (2pcs)

#1201-IP 14mm Introductory kit (6pcs)
#1202-IP 14mm Pre-polishing Refill (10pcs)
#1203-IP 14mm High-shine polishing Refill (10pcs)
#1204-IP 14mm Trial (2pcs)

#1221-IP Pre-polishing combination kit (10pcs)
#1222-IP High-shine polishing combination kit (10pcs)

Stay Connected

Connect with Kuraray Noritake Dental Inc..
Join countless professionals who trust in our
commitment to excellence.

- Email: centralmarketing@kuraray.com
- Website: kuraraynoritake.eu

Follow us on social media for the latest
updates, tips, and professional insights.



GET IN TOUCH



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- Before using this product, be sure to read the Instructions for Use supplied with the product.
- The specifications and appearance of the product are subject to change without notice.
- Printed colour can be slightly different from actual colour.

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CEREC® is a trademark of Dentsply Sirona Inc.
TWIST is a trademark of EVE Ernst Vetter GmbH.

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