

TERRART™

Terracotta Façades



® **NBK** | ARCHITECTURAL
TERRACOTTA



06

RAINSCREEN

08

TERRART™ LARGE

10

TERRART™ LIGHT

12

TERRART™ BAGUETTE

14

FINISHES

16

PROFILES

07

PRODUCT OVERVIEW

09

TERRART™ MID

11

TERRART™ SOLID

13

COLORS

15

TEXTURES

17

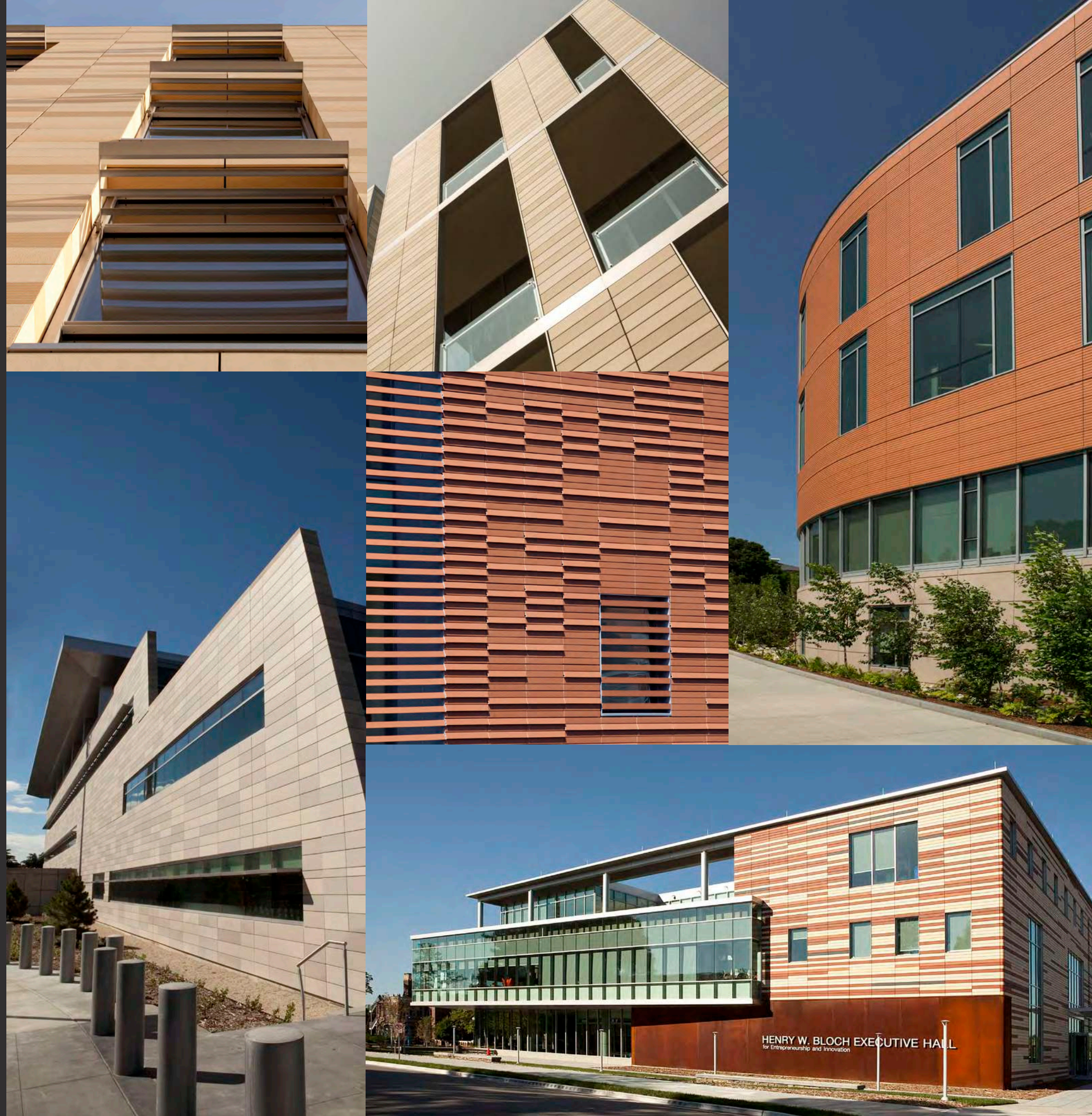
SYSTEM DETAILS

ARCHITECTURAL TERRACOTTA

Since its founding in 1927, NBK® Architectural Terracotta has pursued progress through diversity of product, building a strong record of facade innovation and collaboration along the way. Traditional craft methods refined over decades—combined with cutting-edge manufacturing techniques—have led to high-performance facade panels that blend beautiful materials with the latest technology in ventilated rainscreen facades.

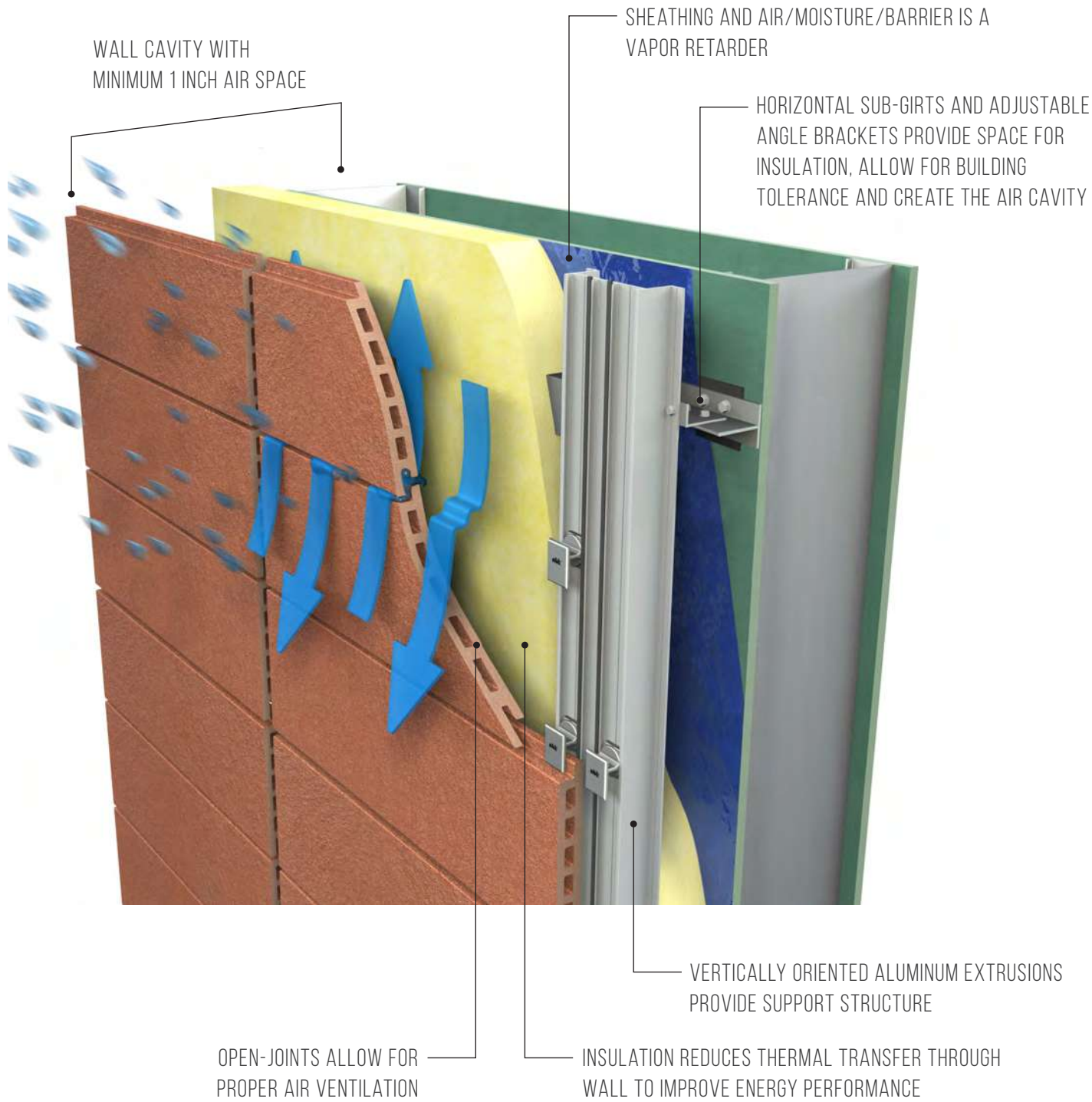
NBK's dedication to research and development inspires material engineers and master manufacturers to develop processes that constantly test new materials and glazes in combination with firing techniques and production methods ensuring tiles meet exacting project requirements for design and performance.

Since joining the Hunter Douglas Group in 2007, NBK has invested heavily in manufacturing facilities and significantly increased its global capabilities. Today, architects increasingly specify NBK and its hallmark TERRART™ System, creating durable, high-performing facades for a wide range of projects around the world, from recladding and restoration of existing structures to construction of inspiring new building designs.



RAINSCREEN

The NBK® TERRART™ façade system is designed and engineered based on the rainscreen principle. The design allows for air to flow through open joints to balance air pressure and minimize water penetration. Back ventilation assists in maintaining a dry cavity and negates the build up of hot air.



PRODUCT OVERVIEW

All NBK® terracotta products are manufactured with state-of-the-art firing techniques and production methods. Carefully selected pure clay provides raw material with the highest mechanical properties and structural behavior. NBK offers a wide variety of standard colors, textures and glazes as well as endless customization possibilities. NBK terracotta products minimize life-cycle environmental impacts while improving a building’s overall comfort and health and are 100% recyclable.

PRODUCT	KEY FEATURES	TYPICAL MAXIMUM DIMENSIONS (Larger Sizes Available on Request)
RAINSCREEN FACADE		
TERRART™ LARGE DEGREE OF CUSTOMIZATION: 5*	• Support high wind-load pressures and long spans • Ideal for custom profiled elements • Often used for high rise buildings • Best for impact resistance requirements	• Length: 6’-0” (1829mm) • Height: 2’-11” (899mm) • Thickness: 33-40mm • Mass per unit area: 12 lbs./sq.ft.
TERRART™ MID DEGREE OF CUSTOMIZATION: 3*	• Competitively priced • Ideal for most applications • Recommended for use in reclad projects	• Length: 5’-0” (1524mm) • Height: 20” (508mm) • Thickness: 30mm • Mass per unit area: 10.3 lbs./sq.ft.
TERRART™ LIGHT DEGREE OF CUSTOMIZATION: 2*	• Cost-effective solution • Lighter in weight • Suitable for reclad projects where weight must be reduced	• Length: 5’-0” (1524mm) • Height: 20” (508mm) • Thickness: 28mm • Mass per unit area: 9.5 lbs./sq.ft.
PRECAST FACADE		
TERRART™ SOLID (PRECAST) DEGREE OF CUSTOMIZATION: 4*	• Precast construction and installation reduce overall cost of building envelope • Wide range of design options • Support quick installation • Precast installers are located nationwide	• Length: 5’-0” (1524mm) • Height: 2’-0” (610mm) • Thicknesses: 20/25/30 mm
DESIGN AND SUN CONTROL		
TERRART™ BAGUETTE DEGREE OF CUSTOMIZATION: 5*	• Used to create unique design elements such as screen walls, vertical fins, open facades and trellises • Provide exterior sun shading	• Length: 6’-0” (1829mm) • Typical sizes: 2” x 2” (50 x 50mm), 2” x 4” (50 x 100mm), 2” x 6” (50 x 150mm) , 2” x 8” (50 x 200mm) • Round, triangular and other custom shapes available

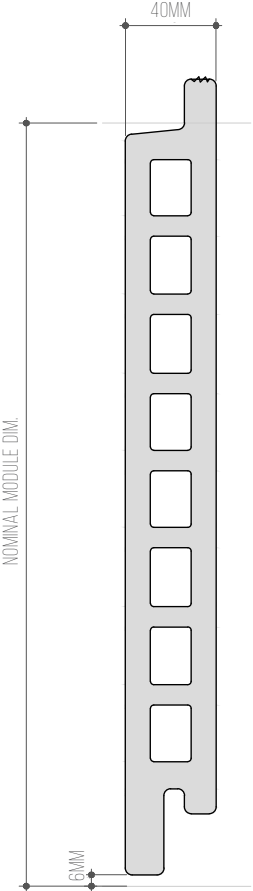
*DEGREE OF CUSTOMIZATION SCALE 1 – 5 (LOW TO HIGH)

Degree of Customization refers to profiles and textures that can be added.

TERRART™ LARGE

TERRART Large provides support for high wind-load pressure and long spans. The tiles are available in a range of textures and colors and are highly customizable to fit a specific design aesthetic. Projects requiring deep profiles are ideal for TERRART Large.

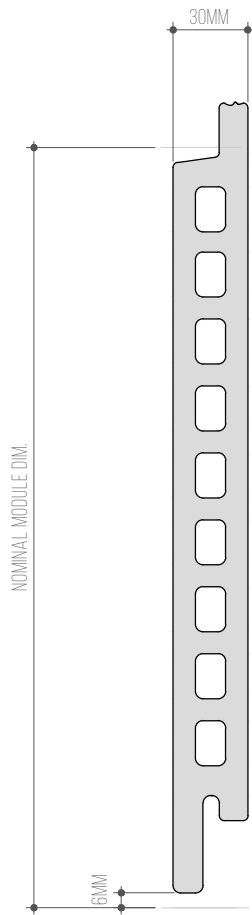
TYPICAL MAXIMUM DIMENSIONS (Larger Sizes Available on Request)	
LENGTH	6’-0” (1829mm)
HEIGHT	2’-11” (899mm)
THICKNESS	33-40mm with customized profiles up to 90mm
MASS PER UNIT (APPROX.)	Starting at 12 lbs./sq.ft.
DEGREE OF CUSTOMIZATION	5



TERRART™ MID

TERRART Mid provides a cost-effective design solution ideal for most projects, including reclad. The tiles are available in a range of standard colors and textures, as well as for custom solutions and color match.

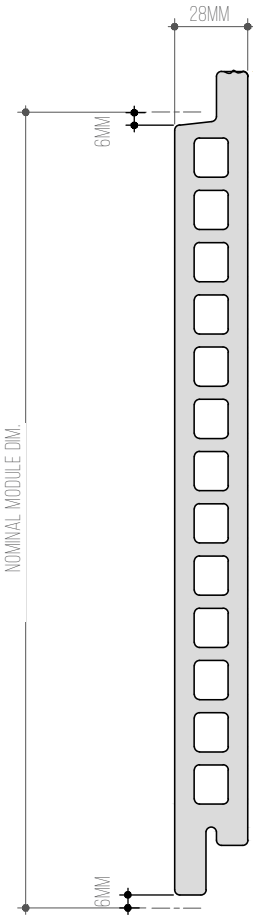
TYPICAL MAXIMUM DIMENSIONS	
(Larger Sizes Available on Request)	
LENGTH	5' - 0" (1524mm)
HEIGHT	20" (508mm)
THICKNESS	30mm
MASS PER UNIT (APPROX.)	10.3 lbs./sq.ft.
DEGREE OF CUSTOMIZATION	3



TERRART™ LIGHT

TERRART Light makes the beauty of terracotta tiles available at a lighter weight and more attractive cost. Excellent durability and secure “clip and hold” attachment system ensure easy installation and durable performance. TERRART Light comes in a range of standard textures and colors and is, to a degree, customizable to fit specific design aesthetics.

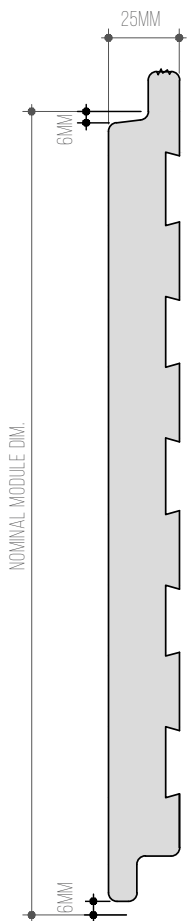
TYPICAL MAXIMUM DIMENSIONS	
(Larger Sizes Available on Request)	
LENGTH	5'-0" (1524mm)
HEIGHT	20" (508mm)
THICKNESS	28mm
MASS PER UNIT (APPROX.)	9.5 lbs./sq.ft.
DEGREE OF CUSTOMIZATION	2



TERRART™ SOLID

TERRART Solid in precast applications reduces the total cost of the building envelope and provides a durable and weather-resistant design option. This easy to install system is available in a range of standard textures and colors and is customizable to fit specific design aesthetics.

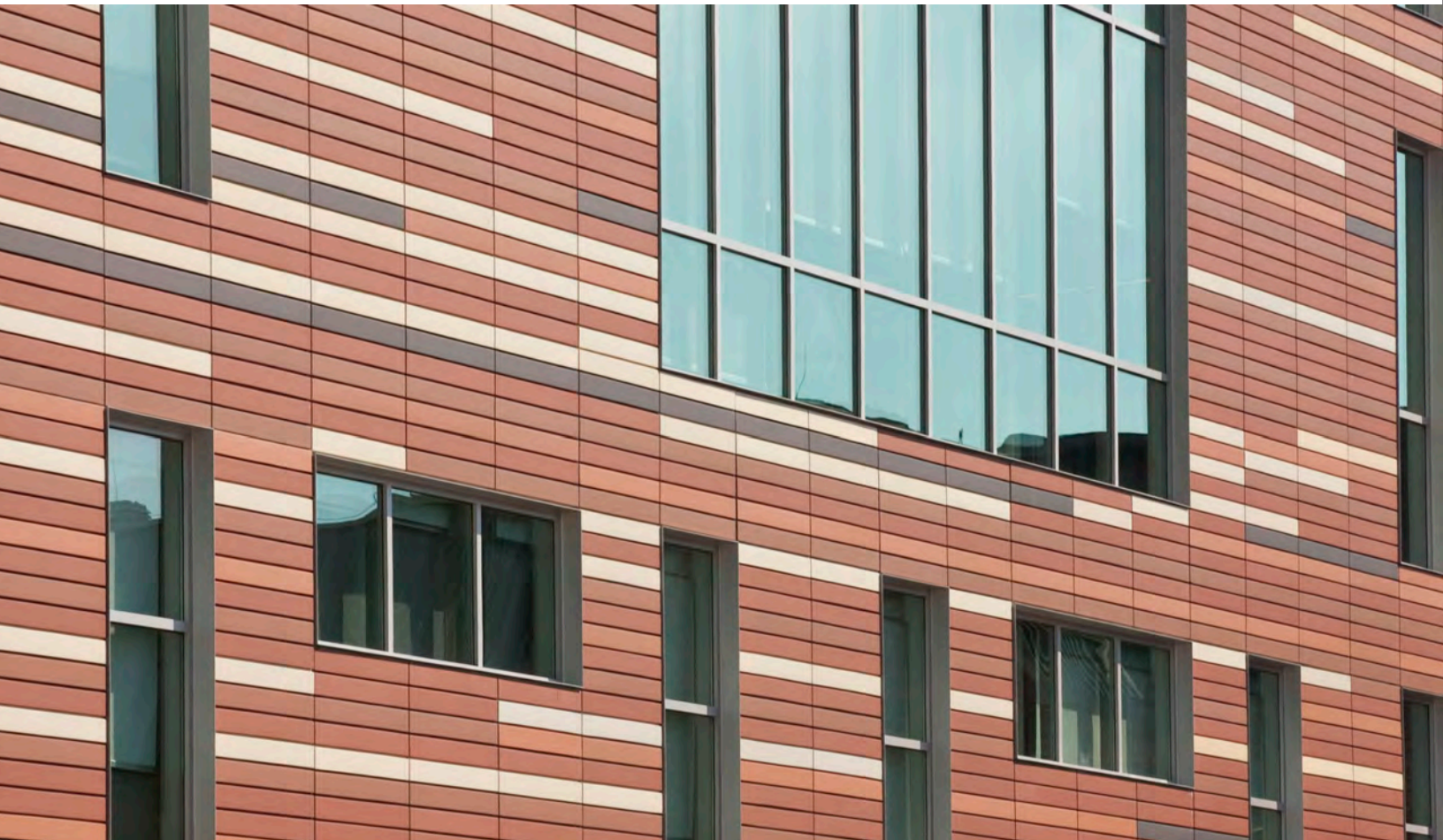
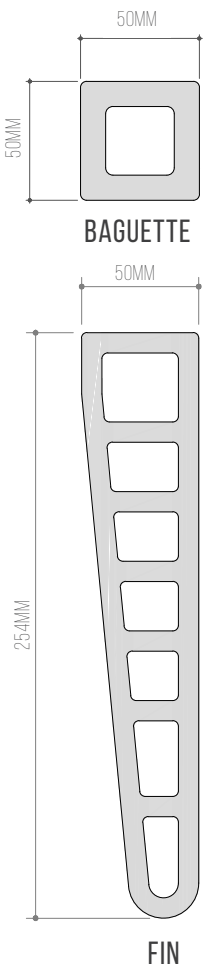
TYPICAL MAXIMUM DIMENSIONS	
(Larger Sizes Available on Request)	
LENGTH	5'-0" (1524mm)
HEIGHT	2'-0" (610mm)
THICKNESS	3/4" to 1-1/4" (20/25/30mm)
DEGREE OF CUSTOMIZATION	4



TERRART™ BAGUETTE

TERRART Baguettes create facade design elements using clay tubes with square, circular or oblong cross-sections. Baguettes, and vertically installed fins, are available in a range of standard textures and colors and are customizable in color, texture and shape. NBK® baguettes and fins can feature colors, glazes and textures on all four surfaces.

TYPICAL MAXIMUM DIMENSIONS	
(Larger Sizes Available on Request)	
LENGTH	6'-0" (1829mm)
TYPICAL SIZES	2"x2" (50x50mm), 2"x4" (50x100mm), 2"x6" (50x150mm), 2"x8" (50x200mm) Other sizes available on request
DEGREE OF CUSTOMIZATION	5



COLORS

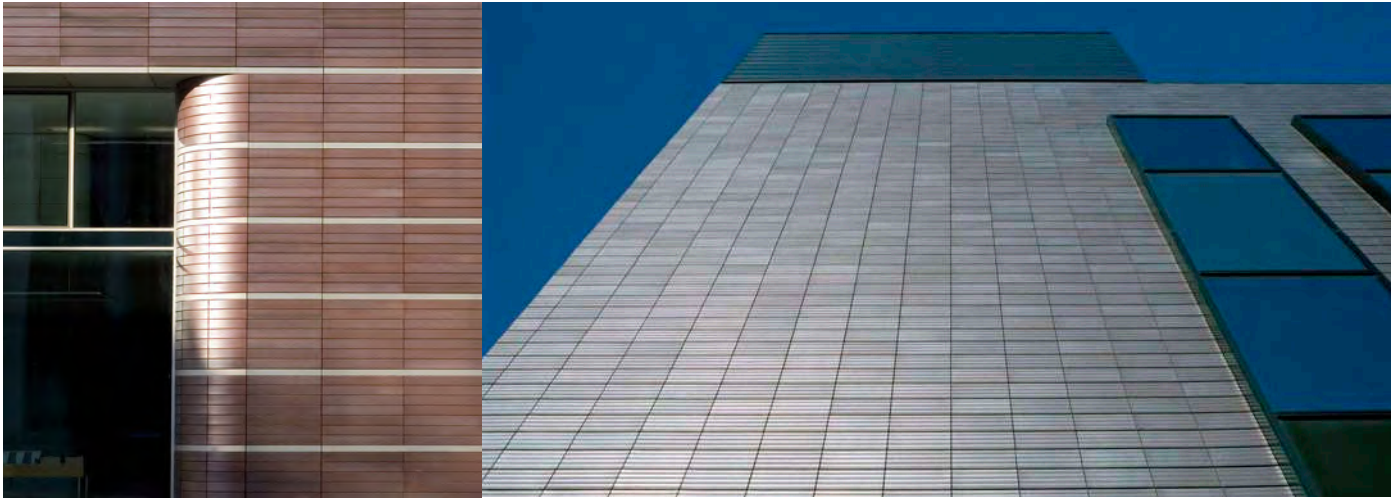
NBK’s expertise in complex mixing techniques and traditional firing methods sets the standard for terracotta facade design. The 18 standard colors appear below. Custom colors are available for all TERRART™ products. Colors shown are for representation only.



FINISHES

REDUCTION FIRED

NBK’s Reduction Firing technique reduces oxygen in the firing process to give terracotta tiles a unique metallic appearance. The metallic expression of Reduction Fired tiles varies depending upon the light, much like their metal counterparts, while retaining the durability and weather resistant qualities of terracotta. Diverse metallic colors, from gray tones to deep red hues, create color variation and visually contrasting facades.



GLAZES AND ENGOBES

Glaze finishes, available in different gloss levels from matte to high gloss as well as a broad range of colors, create lively and unique facade designs. Glazes are single or double fired. Double firing increases color options and allows for glazed edges.

Engobe finishes also provide additional color options for facades. This cost-effective solution, available in matte and semi-gloss, features white or colored slip-clay coating applied to the clay body to impart colors or textures. All glaze and engobe finishes are durable and add to overall resiliency against the elements.



TEXTURES

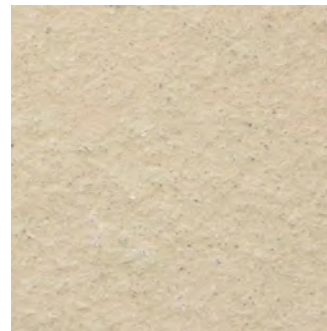
NBK® tiles can achieve compelling visual effects with profiled surface grooves and textures. Standard textures come in a range of designs, including Natural, Fine Combed, Medium Combed and Wire Struck. All textures can be applied to any colors; additional custom-texture solutions are available on a project basis.



FINE COMBED



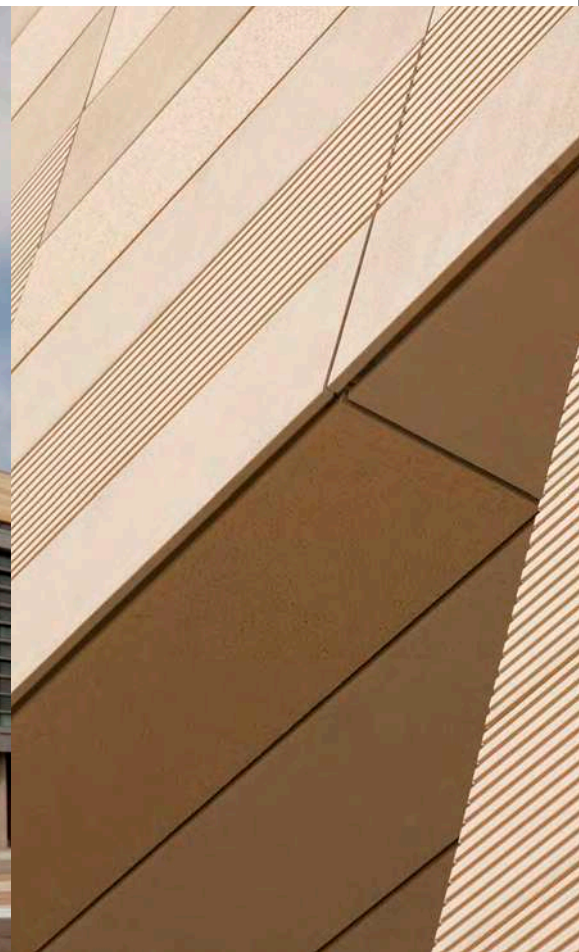
MEDIUM COMBED



NATURAL

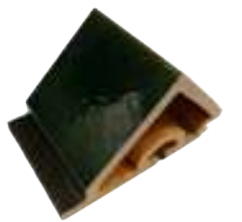


WIRE STRUCK



PROFILES

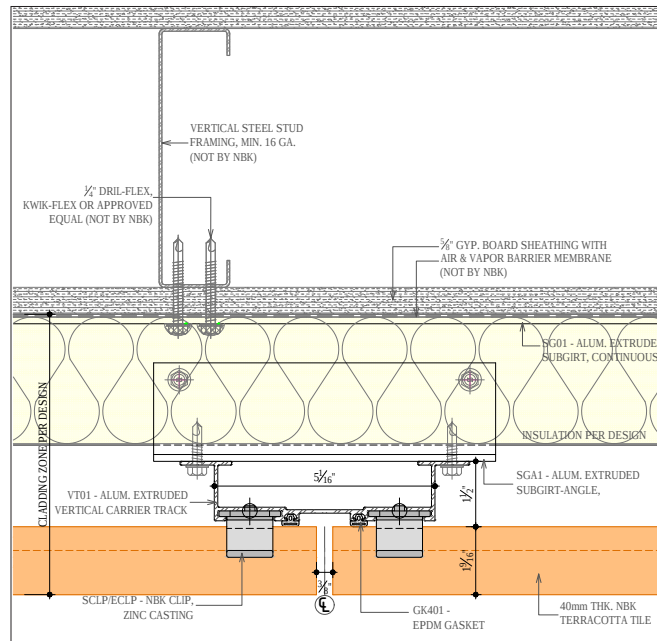
Terracotta façade design increasingly incorporates profiles and textures. With a wide range of standard profiles, as well as the ability to create custom shapes, NBK® can accommodate the design requirements of any project. Deep profiles are ideal for TERRART™ Large applications.



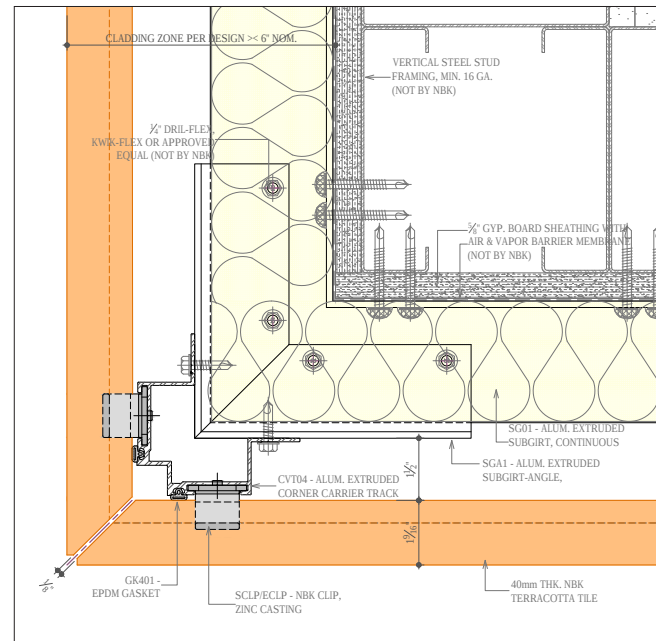
PROFILE AS SEEN IN
THE SYNAGOGUE IN
MAINZ, GERMANY

SYSTEM DETAILS

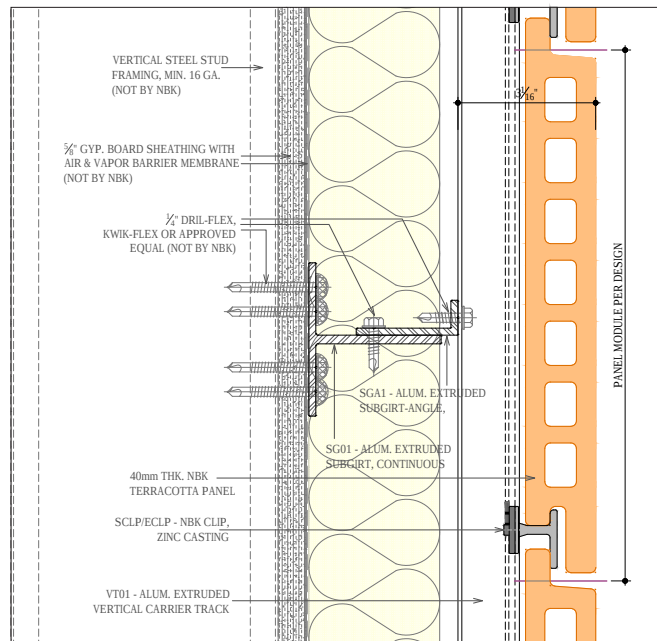
FOR MORE INFORMATION ON PRODUCTS AND
CUSTOMIZATION, VISIT NBKUSA.COM
OR CALL 781.639.2662.



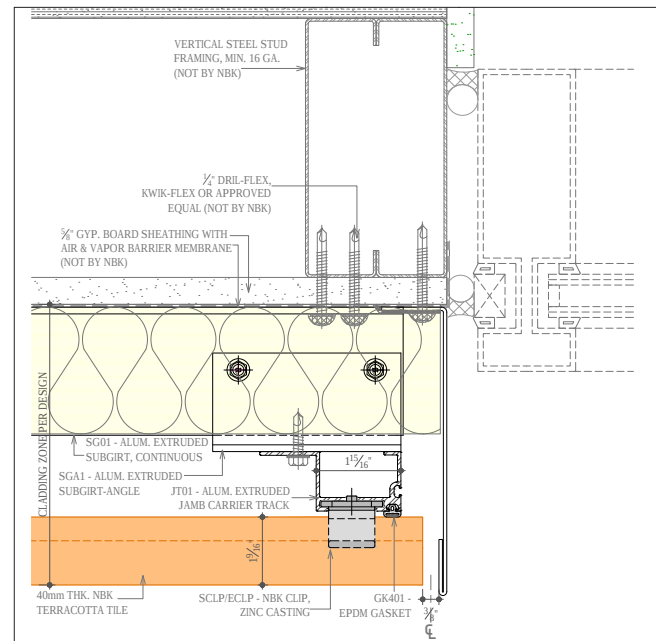
PLAN VIEW



CORNER



VERTICAL SECTION



WINDOW JAMB





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