



**SUNSCREEN  
RANGE**

Architectural  
terracotta baguettes

© Dama Duchi

— CSUMB UNIVERSITY, USA —

Architect : HMC Architects

Product : Autan® and Zonda® XL sahara beige



© Terreal

# Terracotta baguettes sun protection and versatile designs

To resolve the many requirements of building envelopes and specifically the expectations regarding sun protection, TERREAL offers a wide range of terracotta baguettes that can be used to build sunscreens, wall claddings and visual screens.

As an integral part of the façade, sunscreens provide thermal comfort, let natural light in, and help reduce effects of glare without blocking visual contact with the outside. They bring façades to life, create depth and allow the designers to play with shadows, while combining thermal comfort, control of sunlight input and optimization of natural daylight.

## ADVANTAGES

- Effective sun protection
- Comfort in the summer
- Wide range of shapes and colours
- Anti-glare phenomenon
- Unparalleled durability of terracotta
- Simple and quick installation thanks to the integrated Terreal mounting system
- Available in factory equipped version



ZOOM ON ...  
BIM library

[www.bimobject.com](http://www.bimobject.com)

NEW



TERREAL has a library of BIM objects for its range of terracotta sunshade products available.

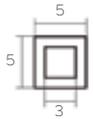
These configurable BIM objects will allow you to complete your digital mock-up to the most complex levels.



# Sunscreen solutions

## RANGE AUTAN®

**Autan®**  
Up to 30 cm



Dimension : 5 x 5 x 29,4 cm  
Section : 3 x 3 cm (1 cavity)  
Weight : 3,3 kg/ml  
Kit available with center spacing of : 120/150/180 cm

**Autan® XL Droplet**  
Up to 120 cm



Dimension : 5 x 5 x 20 à 120 cm  
Section : 3 x 3 cm (1 cavity)  
Weight : 3,2 kg/ml  
Kit available with center spacing of : 100/120/150/180 cm

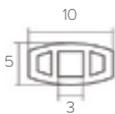
**Autan® XL**  
Up to 120 cm



Dimension : 5 x 5 x 20 à 120 cm  
Section : 3 x 3 cm (1 cavity)  
Weight : 3,2 kg/ml  
Kit available with center spacing of : 100/120/150/180 cm

## RANGE HARMATTAN®

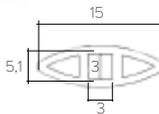
**Harmattan®**  
Up to 30 cm



Dimension : 5 x 5 x 29,4 cm  
Section : 3 x 3 cm (1 cavity)  
Weight : 6,2 kg/ml  
Kit available with center spacing of : 120/150/180 cm

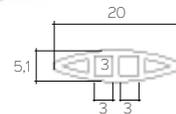
## RANGE SHAMAL®

**Shamal® XL 15** NEW  
Up to 130,3 cm

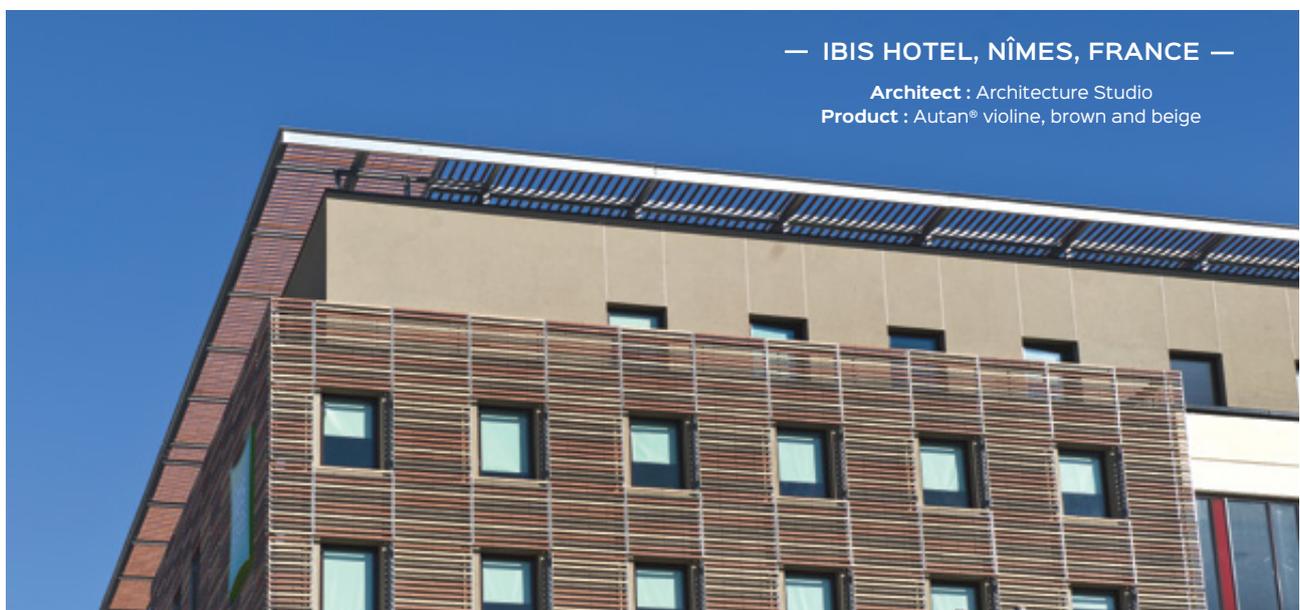


Dimension : 5 x 15 x 20 à 130,3 cm  
Section : 3 x 3 cm (1 cavity)  
Weight : 7,9 kg/ml  
Kit available with center spacing of : 100/120/150/180 cm

**Shamal® XL 20** NEW  
Up to 130,3 cm



Dimension : 5 x 20 x 20 à 130,3 cm  
Section : 3 x 3 cm (2 cavities)  
Weight : 10,5 kg/ml  
Kit available with center spacing of : 100/120/150/180 cm



— IBIS HOTEL, NÎMES, FRANCE —

Architect : Architecture Studio  
Product : Autan® violine, brown and beige

© Olivier Brunet

## RANGE ZONDA® XL

### Zonda® XL 10

Up to 100 cm



Dimension : 5 x 10 x 20 à 100 cm

Section : 3 x 3 cm (1 cavity)

Weight : 6,6 kg/ml

Kit available with center spacing of : 100/120/150/180 cm



Up to 120 cm

Dimension : 5 x 10 x 20 à 120 cm

Section : 3 x 3 cm (1 cavity)

Weight : 6,5 kg/ml

Kit available with center spacing of : 100/120/150/180 cm

### Zonda® XL 15

Up to 150 cm



Dimension : 5 x 15 x 20 à 150 cm

Section : 3 x 3 cm (2 cavities)

Weight : 8,8 kg/ml

Kit available with center spacing of : 100/120/150/180 cm



Up to 120 cm

Dimension : 5 x 15 x 50 à 120 cm

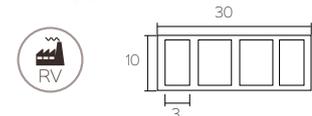
Section : 3 x 3 cm (2 cavities)

Weight : 9,8 kg/ml

Kit available with center spacing of : 100/120/150/180 cm

### Zonda® XL 30 NEW

Up to 150 cm



Dimension : 10 x 30 x 20 à 150 cm

Section : 4,8 x 7,8 et 4,5 x 7,8 cm (3 cavities)

Weight : 24,7 kg/ml

Marketed without Terreal fixing system  
Only terracotta available



— CREDIT AGRICOLE, RENNES, FRANCE —

Architect : Meignan Architecture

Product : Zonda® XL 15 pearl grey

# Fixing system

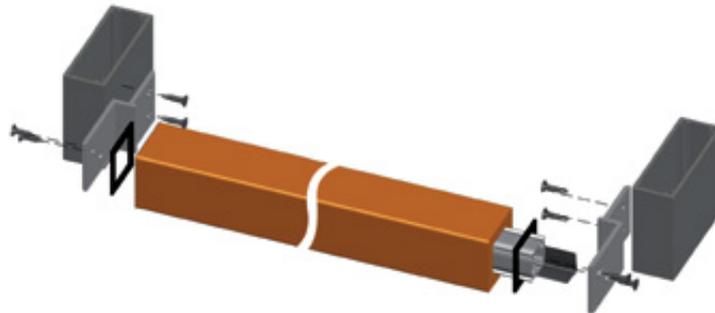
TERREAL sunscreen system is easily assembled on site and quickly installed on an aluminium framework. Available in four sizes, the installation kit can be adapted to all desired lengths by simply cutting the aluminium tube, and can reach up to 180cm.

Its modular design allows varying the center spacing between sunscreen rows as well as their orientation. It can be installed either vertically or horizontally and offers total architectural freedom.

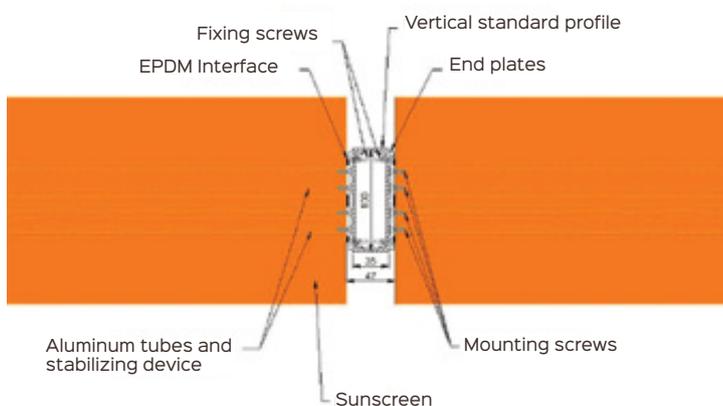
## SYSTEM PROPERTIES

- Vertical upright center spacing up to 180 cm
- Vertical or horizontal installation
- Fixed floor to floor sub-frame profile (3 m)
- Versatility : choice of spacing and length
- Finish : Anodized or coated with any RAL colour reference
- Made of aluminium and stainless steel
- Compatible with all sunscreen products (except Zonda® XL 30)
- Available in factory equipped version
- Four standard modules : 100, 120, 150 et 180 cm
- Test report available on demand: seismic, wind, impacts (see p8)

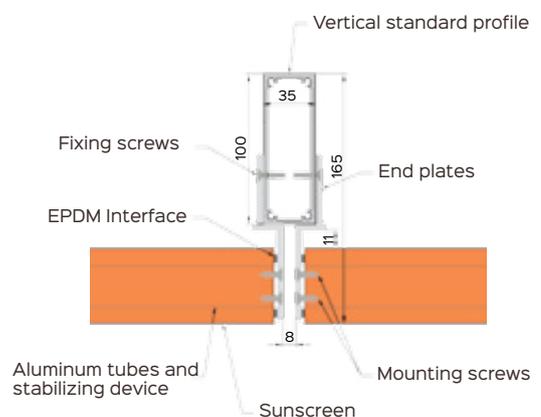
## INSTALLATION IN FRONT OF PROFILES



### SHAMAL® XL SYSTEM EXAMPLE



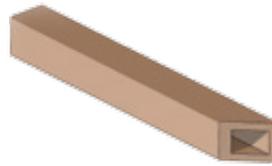
### AUTAN® SYSTEM EXAMPLE



Installation in front of profiles not available for Shamal® products

## DETAIL CORNERS

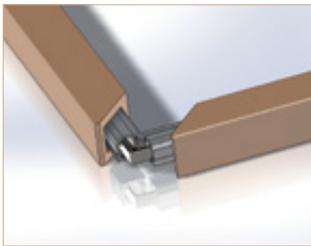
- 45° angle cut at factory is available
- Cutting on the rear in the case of Autan® XL Droplet
- No mitre cut angle system for Shamal® XL 20 and Shamal® XL 15 when tilted



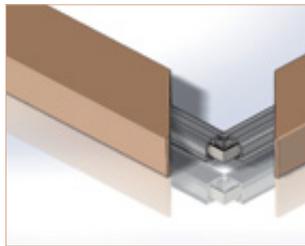
Example AUTAN®



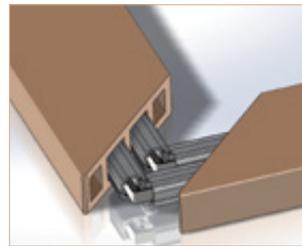
90° Inox bracket



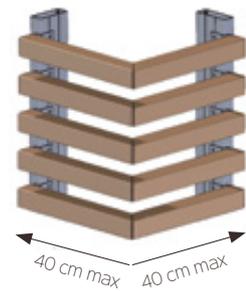
AUTAN®



ZONDA® XL10



ZONDA® XL15



40 cm max 40 cm max

## COMPONENTS OF THE TERREAL FIXING KIT



Profile cover



Aluminium tube



Fixing screw



Autan® range plates



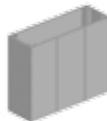
Zonda® XL 15 plates



Zonda® XL 10  
Harmattan® plates



Shamal® XL plates



Profile



Stabilizing device



Mounting screw



EPDM interface Autan®  
range and Shamal® XL 15



EPDM interface  
Zonda® XL 15



EPDM interface Zonda®  
XL 10 and Harmattan®



EPDM interface  
Shamal® XL 20

# Testing and performance

## IMPACT RESISTANCE

- Impact resistance up to Q3: according to French testing reference NF P 08 301/302
- Impact resistance test for Shamal® XL : n°CLC08-2610249/A
- Impact resistance test for Autan® XL : n°CLC-15-26057900

*Not recommended for use as a guard rail. However, if this installation is adopted, it must be validated by tests in accordance with the standard regulation.*

## SEISMIC RESISTANCE

- Shamal® XL Seismic Tests : n° EEM07 26009529
- Autan® XL Seismic Tests : n° MRF 15 26058003

## WIND RESISTANCE

- Up to 2700 Pa
- Shamal® XL Wind Tests : n° CLC08-260102491B and n° EN-CAPE 04-078C
- Autan® XL Wind Tests : n° CLC15-26057903



# Custom products

Terreal can develop with you custom terracotta baguettes. Shape, colour or dimensions, we work with you to create the product adapted to your need.



## 2 CUSTOM COLOURS

Blue and green through colour

Indiana university sport district Car Park, USA

Architect : Ratio Architect  
Product : Zonda® XL 15, 12.light grey, 13.storm grey, blue and green

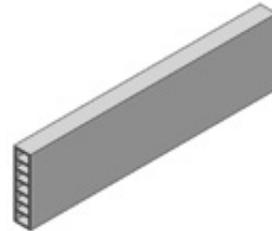


## LARGE SIZE ZONDA® XL

10 x 40 x 150 cm length

Parking Swindon, England

Architect : Robin Partington Architects  
Product : Custom Zonda® XL red-orange

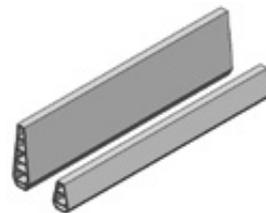


## CUSTOM SHAPE SUNSCREEN

12 x 40 cm  
and 12 x 18 x 150 cm

Barangaroo building, Australia

Architect : Rogers-Stirk-Harbour + partners  
Product : custom sunscreen clay grey



# Colour chart

## CLASSIC RANGE

\* Available in sanded finish



## GLAZED RANGE



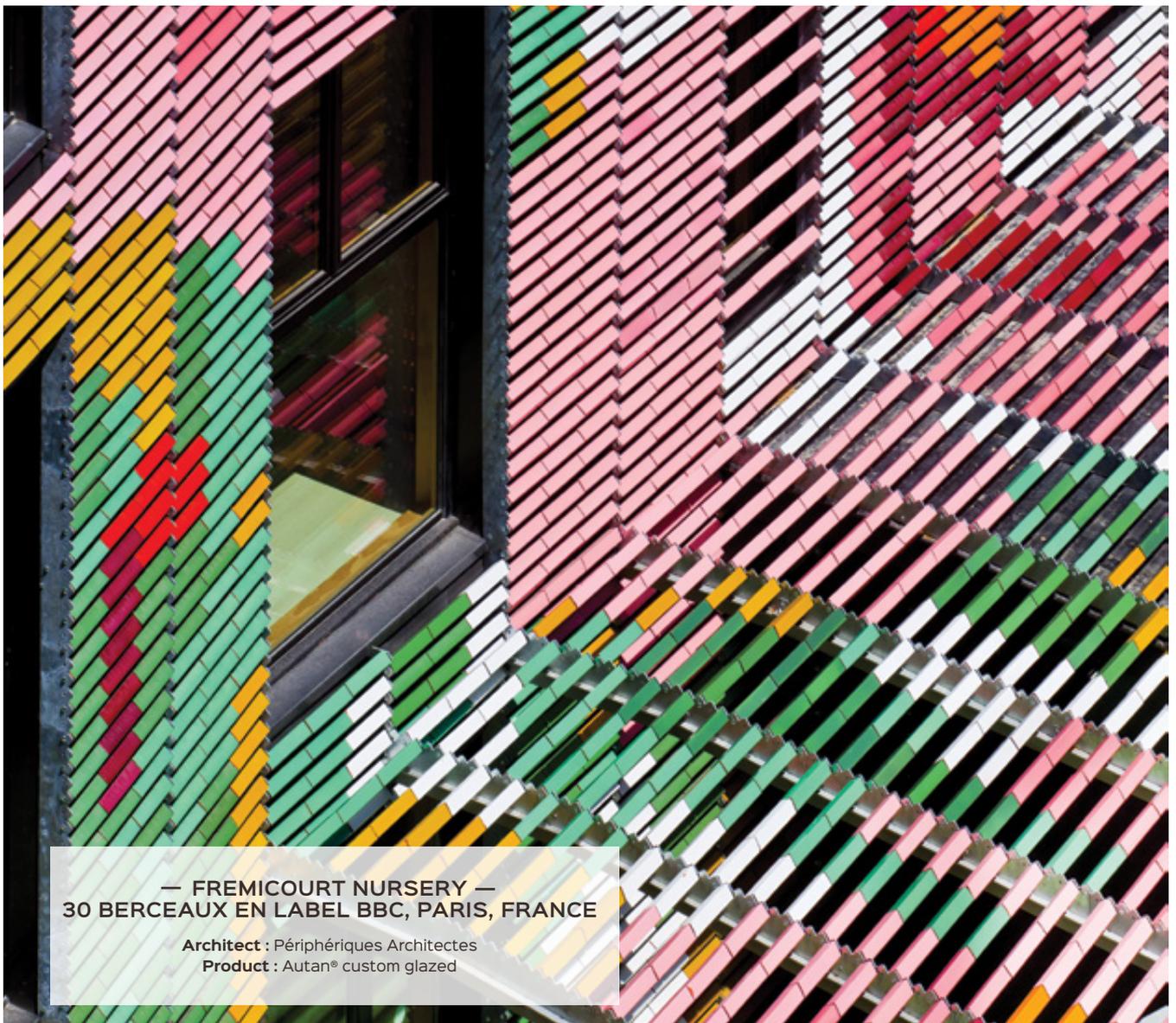
	Stone colour	Champagne	03. Champagne	Dune pink	Pink	04. Salmon	Red-orange	02. Red-orange	Red	01. Red	07. Siena	Violine	Beige	Sahara Beige	11. Sahara Beige	06. Sand	Pearl grey	Dark grey	Chocolate brown	09. Coffee	Ebony	16. Ebony	Clay grey	Storm grey	13. Storm grey	Anthracite grey	12. Light gris	15. Slate gris	Glazed
<b>Autan® Harmattan®</b>	•	•			•				•			•	•						•		•						•		•
<b>Autan® XL droplet, Zonda® XL 10, 15 and 30 RV Shamal® XL</b>	•	•		•				•	•			•		•					•	•	•		•			•		•	•
<b>Autan® XL Zonda® XL 10 and 15 ET</b>			•			•		•		•	•					•				•		•			•		•	•	•



— RÉSIDENCE ALBANO LAZIALE —  
ROME, ITALIA

Architect : Studio Emanuele Duti  
Product : Shamal® red-orange

© Daniele Morra



— FREMICOURT NURSERY —  
30 BERCEAUX EN LABEL BBC, PARIS, FRANCE

Architect : Périphériques Architectes  
Product : Autan® custom glazed

© Sergio Garcia

— MAISON INTERNATIONALE DE SÉJOUR —  
ZAC BÉDIER

**Architect** : Thierry Gheza  
**Product** : Autan® XL Droplet chocolate brown



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