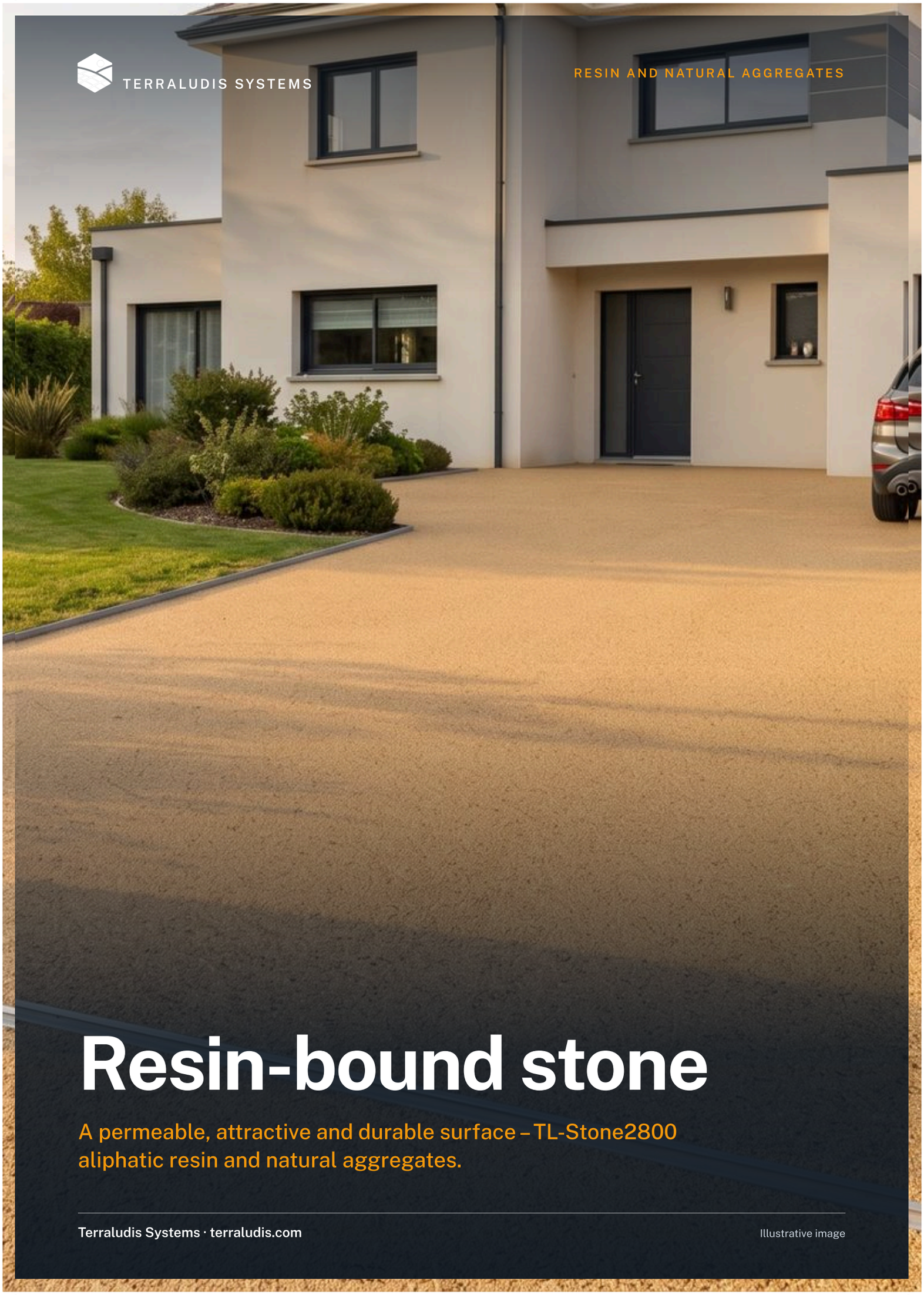


TERRALUDIS SYSTEMS

RESIN AND NATURAL AGGREGATES

Resin-bound stone

A permeable, attractive and durable surface – TL-Stone2800 aliphatic resin and natural aggregates.

Terraludis Systems · terraludis.com

Illustrative image

The system

Terraludis resin-bound stone is washed and dried natural aggregate bound with TL-Stone2800 resin: a seamless, permeable, non-yellowing surface for pedestrians and light vehicles alike.



Water passes through the surface: no puddles, no run-off

Illustrative image

TL-Stone2800 resin

- 100% aliphatic, polyaspartic-modified polyurethane
- 100% solids
- Non-yellowing
- Adhesion to concrete 3.2 MPa
- For heavy pedestrian use and light vehicles, depending on thickness

Permeable

Water soaks through, making rainwater management easier.

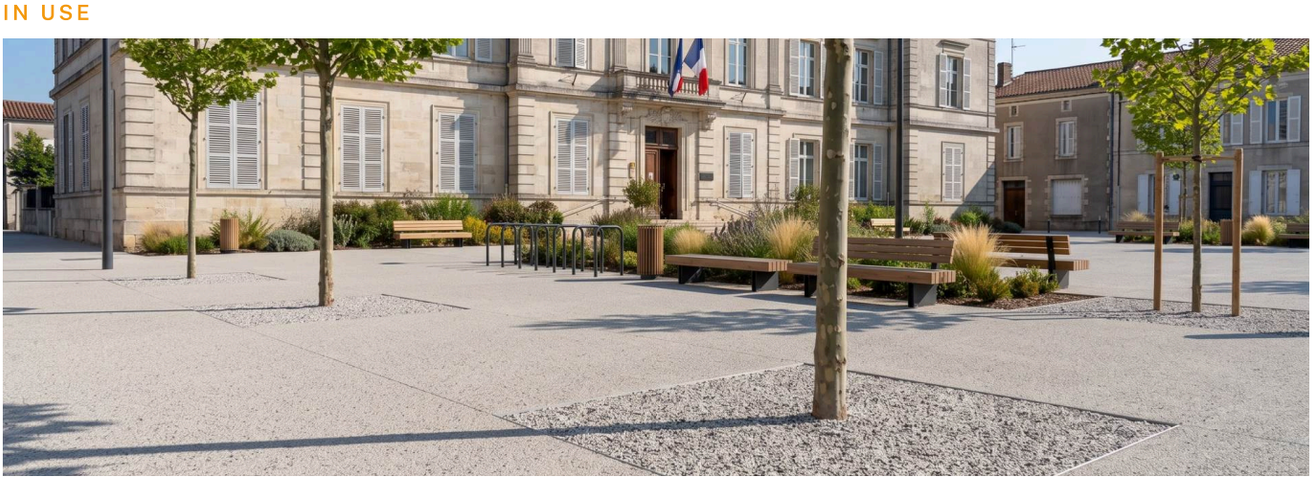
Attractive

Clear resin, 12 colours and 8 blends.

Durable

Resists UV and freeze–thaw, from −20 to +70 °C.

IN USE



Forecourt and tree pits – Nordic Concrete



Pool surround – Lagoon

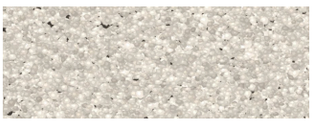


Driveway – Golden Quartz



Restaurant terrace – Salt & Pepper

12 natural colours, washed, dried and semi-rounded.



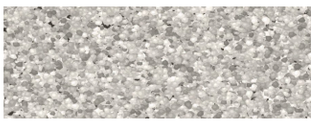
Snow White TL-G01

dolomite
4 Mohs · LA 30 · 1-3 · 2-4 · 2-6 mm
pedestrian, pool surrounds



Ivory TL-G02

foraminiferal limestone
3 Mohs · LA 21 · 1-3 · 2-4 · 2-6 mm
pedestrian, terraces



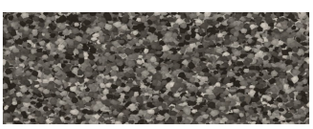
Pearl Grey TL-G03

dolomitic limestone
5 Mohs · LA 30 · 1-3 · 2-4 · 2-6 mm
heavy pedestrian use



Blue Grey TL-G04

dolomitic limestone
4 Mohs · LA 35 · 1-3 · 2-4 · 2-6 mm
pedestrian



Slate Grey TL-G05

dolomitic limestone
3 Mohs · LA 30 · 1-3 · 2-4 · 2-6 mm
pedestrian



Black TL-G06

basaltic limestone of volcanic origin
3 Mohs · LA 30 · 2-4 mm
pedestrian, accent in blends



Powder Pink TL-G07

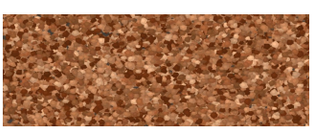
reddish limestone
3 Mohs · LA 25 · 1-3 · 2-6 mm
pedestrian



Oak Quartz TL-G08

natural quartz, warm tones
7 Mohs · 1-4 · 2-6 mm
heavy pedestrian use, vehicles

7 MOHS



Terracotta TL-G09

limestone and dolomite
3 Mohs · LA 25 · 1-3 · 2-4 · 2-6 mm
pedestrian



Golden Quartz TL-G10

natural quartz, neutral tones, 99.4% silica
7 Mohs · 2-6 mm

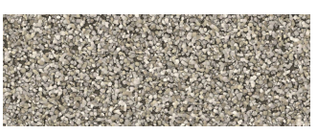
VEHICLES 7 MOHS



Caramel TL-G11

sedimentary foraminiferal limestone
3 Mohs · LA 21 · 2-6 mm
pedestrian, gardens

NEW



Classic White TL-G12

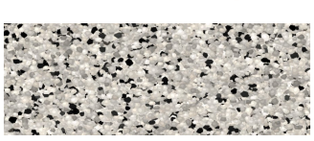
dolomitic limestone
3 Mohs · LA 30 · 2-4 mm
pedestrian

NEW

Colours are indicative; natural variation from batch to batch. The lower the LA value, the better the wear resistance. Samples on request.

Eight blends for today's outdoor spaces.

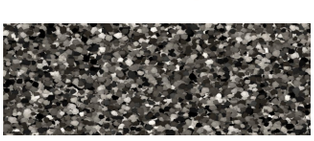
Proportions by weight, measured by the bag on site.



Nordic Concrete

PEDESTRIAN

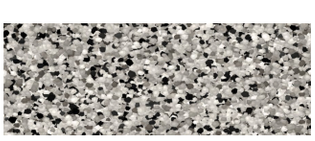
60% Pearl Grey, 30% Snow White, 10% Black
Thickness · **15-20 mm**



Graphite

PEDESTRIAN

65% Slate Grey, 25% Black, 10% Pearl Grey
Thickness · **15-20 mm**



Salt & Pepper

HEAVY PEDESTRIAN USE

60% Pearl Grey, 25% Blue Grey, 15% Black
Thickness · **20-25 mm**



Dune

PEDESTRIAN, POOL

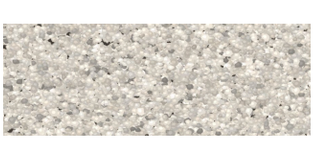
60% Ivory, 30% Golden Quartz 2-6, 10% Snow White
Thickness · **20 mm**



Soft Terracotta

PEDESTRIAN

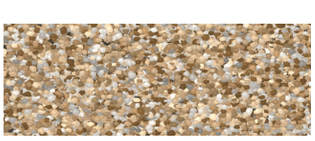
50% Powder Pink, 30% Ivory, 20% Terracotta
Thickness · **15-20 mm**



Lagoon

POOL SURROUNDS

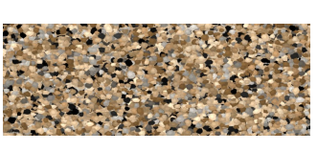
70% Snow White, 30% Pearl Grey
Option: 0.1-0.6 mm anti-slip glass dressing for wet areas
Thickness · **15-20 mm**



Golden Quartz

VEHICLES

75% Golden Quartz 2-6, 25% Pearl Grey 1-3, + 1 bag of 0.2-0.6 mm binding quartz (6.25 kg) per batch
Thickness · **25-30 mm**



Ash Quartz

VEHICLES

70% Golden Quartz 2-6, 20% Blue Grey, 10% Black, + binding quartz
Thickness · **25-30 mm**

Technical guide and contact



Before / after: cracked concrete slab renovated in Golden Quartz

Thicknesses

USE	THICKNESS
Pedestrian and decorative	15-20 mm
Heavy pedestrian use	20-25 mm
General outdoor use	20-30 mm
Light vehicles, on a stable structural base	25-30 mm

Note — With 2-6 mm grading, minimum thickness 20 mm.

Substrate

- Sound concrete slab more than 30 days old, or stable asphalt
- Substrate moisture below 4%
- Minimum fall 1.5%
- Expansion joint at least every 25 m^2 on large concrete slabs
- Rigid edging on every edge

Why quartz for vehicle areas

Under a turning tyre, a soft grain wears and polishes. Our vehicle blends are based on quartz, 7 on the Mohs scale, compared with 3 to 5 for marbles and limestones. Both our quartzes, Golden Quartz and Oak Quartz, are 7 Mohs, i.e. 99.4% silica.

Finishes and additives

- **Binding quartz 0.2-0.6 mm** : strengthens the matrix of vehicle blends and limits stone loss
- **Anti-slip glass 0.1-0.6 mm** : invisible dressing for pool surrounds and ramps
- **Micro-aggregates 0.5-1.6 mm (quartz, or white and ivory marble)** : a fine, dense finish, comfortable barefoot, for pool surrounds and interiors

Terraludis support

- Supply of resin and aggregates
- Samples on request
- Remote technical support on your first project
- Data sheets and installation guidance for your installer

Request a quote

TERRALUDIS SYSTEMS

contact@terraludis.com · +33 6 70 67 74 43 · terraludis.com