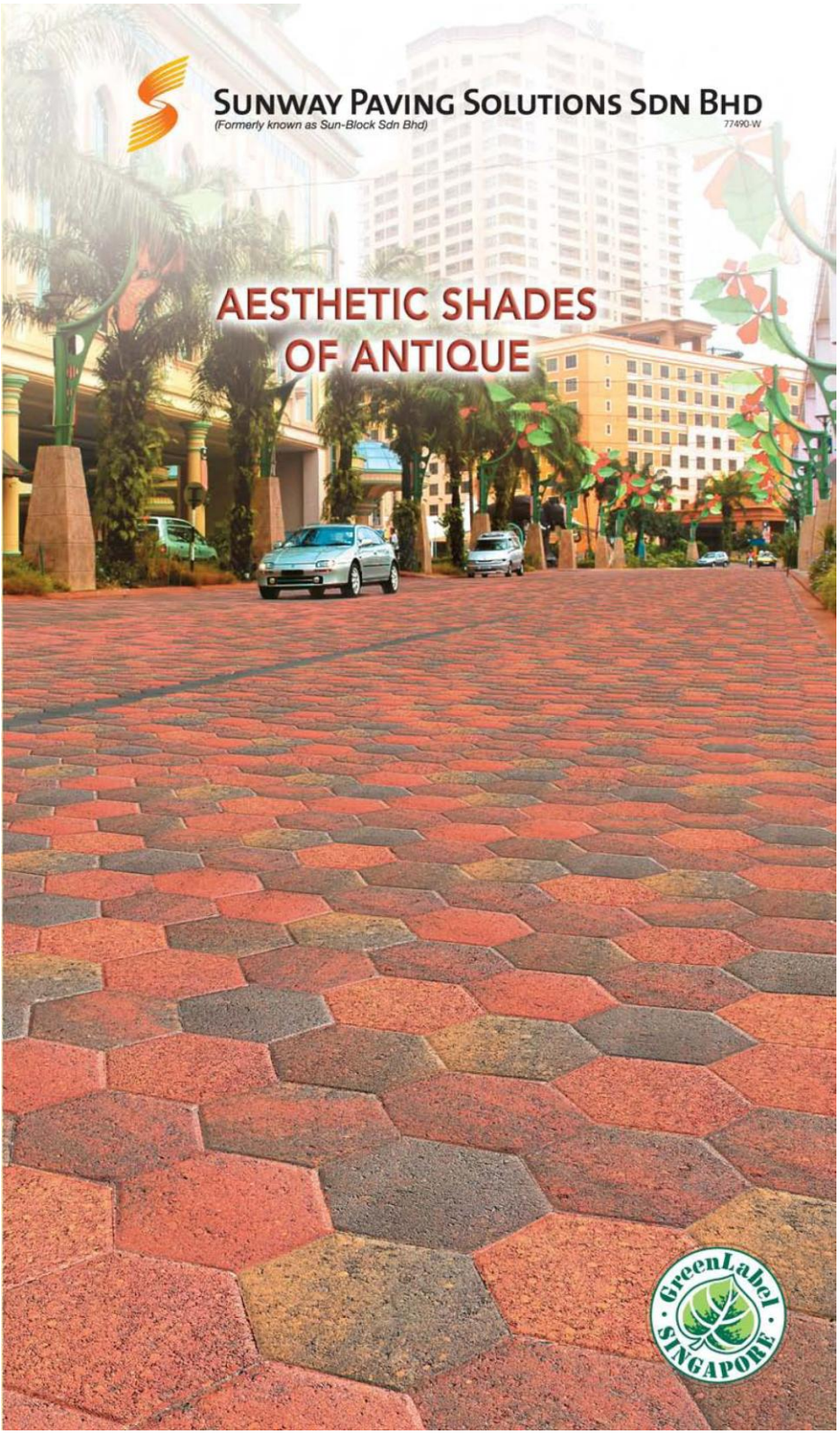

SUNWAY PAVING SOLUTIONS SDN BHD
(Formerly known as Sun-Block Sdn Bhd)
77490-W
AESTHETIC SHADES
OF ANTIQUE
GreenLabel
SINGAPORE

FLEXIPAVE / QUADPAVE

Size :
198mm x 98mm
Area Coverage :
49.5 pieces/m²
Thickness :
60 / 80 / 100mm
Approximate Weight :
2.45 / 3.4 / 4.35kg

SUNPAVE / UNI-PAVE

Size :
223mm x 111mm
Area Coverage :
39.5 pieces/m²
Thickness :
60 / 80 / 100mm
Approximate Weight :
3.1 / 4.2 / 5.45kg

UNI-ESPAVE

Size :
220mm x 190mm
Area Coverage :
34.7 pieces/m²
Thickness :
60mm
Approximate Weight :
3.5kg

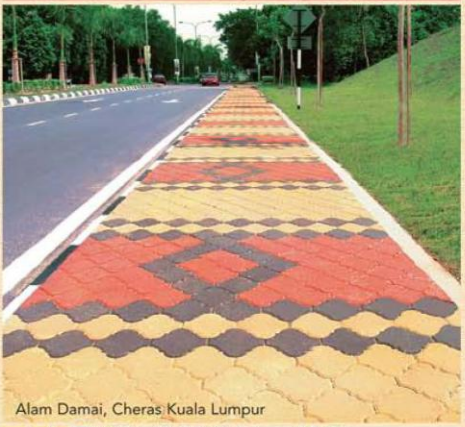
UNI-DECOR

Size :
228mm x 138mm
Area Coverage :
37.8 pieces/m²
Thickness :
60mm
Approximate Weight :
3.35kg

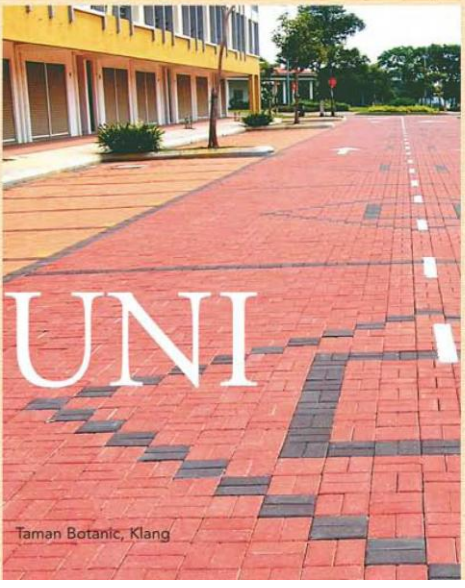
TWINPAVE

Size :
209mm x 104mm
Area Coverage :
44.1 pieces/m²
Thickness :
60mm
Approximate Weight :
2.45kg

Danga Bay, Johor Bahru

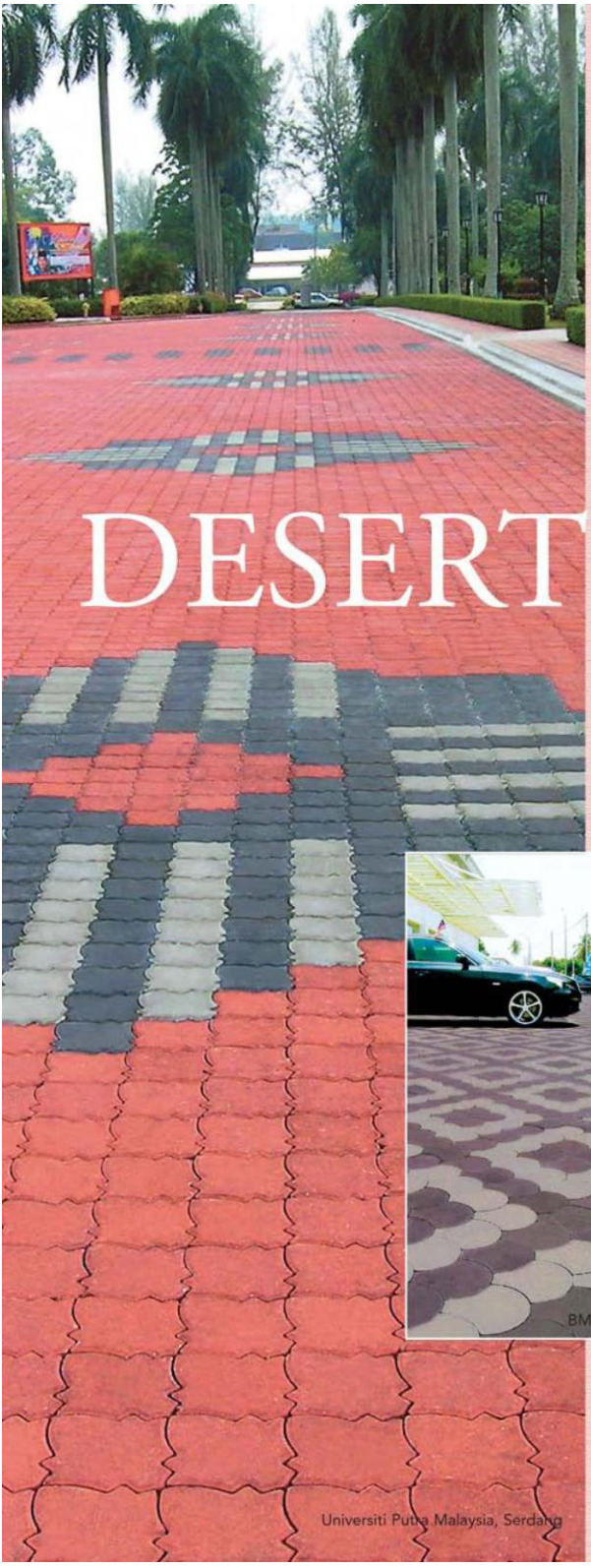


Alam Damai, Cheras Kuala Lumpur



Taman Botanic, Klang

DESERT



Universiti Putra Malaysia, Serdang

DESERT LILY

Size :
210mm x 220mm

Area Coverage :
39 pieces/m²

Thickness :
60 / 80mm

Approximate Weight :
3.05 / 4.1kg

DESERT FERN

Size :
210mm x 136mm

Area Coverage :
35 pieces/m²

Thickness :
60 / 80mm

Approximate Weight :
3.65 / 4.7kg

BMW Showroom, Malacca

> DESERT

> UNI

DESERT LILY GRASSPAVE

Size :
313mm x 313mm

Area Coverage :
10 pieces/m²

Thickness :
80mm

Approximate Weight :
12kg

UNI-GRASSPAVE

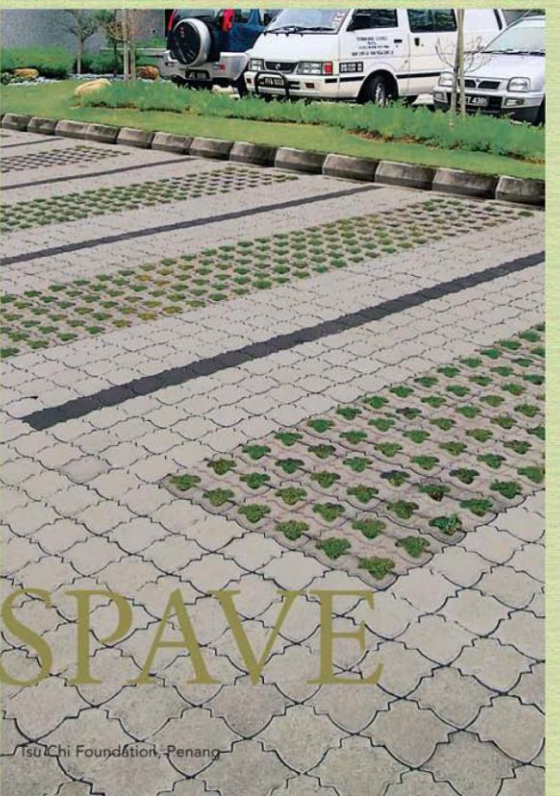
Size :
336mm x 223mm

Area Coverage :
13.2 pieces/m²

Thickness :
80mm

Approximate Weight :
8.8kg

Tesco, Ampang



Tsu Chi Foundation, Penang

GRASSPAVE

STRADA

TRAFIKA

Size :
225mm x 197mm

Area Coverage :
29 pieces/m²

Thickness :
80 / 100mm

Approximate Weight :
5.8 / 7.25kg

ANCHORLOK

Size :
223mm x 111mm

Area Coverage :
26.3 pieces/m²

Thickness :
80mm

Approximate Weight :
6.35kg

Sunway Lagoon Resort Hotel, Petaling Jaya

Flextronic Pelabuhan Tanjung Pelepas, Johor Bahru

> STRADA

> GRASSPAVE

COLOUR CHART

new

Antique Colour

STANDARD COLOURS

Grey

Black

PREMIUM COLOURS

Yellow

Brown

Light Brown

Peach

Red

INSTALLATION PROCEDURE

Basecourse
Taking the existing sub-grade / soil conditions and the anticipated traffic loading into consideration, an adequate thickness of well compacted basecourse must be provided to ensure good pavement performance. Existing bitumen or concrete surfaces need not be removed and can act as good sub-grade.

Sand bedding layer
A layer of sand should be loosely spread and screeded to a uniform thickness such that its compacted thickness would be approximately 30 mm. It is important that the sand layer remains undisturbed prior to the laying of blocks.

Laying the blocks
Paving blocks are placed side by side on the sand bed with gaps of approximately 2mm between adjoining blocks.

Blocks cut to fit
Paving blocks can be cut to fit edges and awkward corners.

Pavement compaction
Block pavement is compacted with a hand-guided plate vibrator until it is firmly embedded in the sand layer.

TYPICAL PAVEMENT APPLICATION	*1 TYPICAL BLOCK THICKNESS(mm)	TYPICAL BASECOURSE REQUIREMENTS *2 Depending on sub-grade/ Sub-soil conditions. TYPE OF MATERIAL	THICKNESS (mm)
(i) **Light to medium duty** e.g. footpaths, jogging tracks, residential driveways	60mm	(a) quarry dust (footpaths)	100 to 150
		(b) crusher run (driveways)	100 to 200
(ii) **Heavy duty** e.g. roads, factory floors, container yards, aircraft parking aprons	80mm	(c) crusher run (roads & container yards)	225 to 600
		(d) lean concrete (very heavy concentrated loads)	225 to 600

*3 The recommended basecourse thickness is still subject to CBR test on sub-base and subgrade soil conditions

GENERAL INFORMATION

The thickness and design of a concrete segmental pavement is subject to:

- Traffic volume estimation
- Soil & subgrade investigation
- Surface design
- Basecourse thickness design
- Design considerations for low-strength subgrades or irregular-shaped areas

COMPRESSIVE STRENGTH

60mm	30MPa
80mm & 100mm	45MPa

MS1380 :1995 (SPECIFICATION FOR PRECAST CONCRETE PAVING BLOCK)
(MA 20 Requirement : Australian Standard)
BS 6717:1993 (SPECIFICATION FOR PRECAST CONCRETE PAVING BLOCK)

TOLERANCE

Thickness of any paver shall be ± 3mm

Colours shown in this brochure are reproduced as close to the actual colours of the pavers as printing technology allows.

LANDSCAPE & ARCHITECTURAL APPLICATIONS

- Footpaths & Driveways
- Pedestrian Malls
- Jogging & Buggy Tracks
- Residential
- Pool Decks
- Bicycle Paths

HEAVY-DUTY APPLICATIONS

- Ports
- Road Junctions
- Warehouses
- Housing Estate Internal Roads

AESTHETICS
- variety of colours lends itself to interesting designs

ABSOLUTE DURABILITY
- minimal maintenance
- hard wearing surface
- resist damage caused by oil spillages & most industrial chemicals

IMMEDIATE USE ADVANTAGE
- can be opened to traffic immediately upon completion of paved area

EASY ACCESS TO UNDERGROUND UTILITY SERVICES
- can be lifted and relaid easily and rapidly without unsightly scars

VERSATILE COLOUR CODING POSSIBILITIES
- different permanent colours can be used to delineate separate areas
- indicate parking bays
- permanent road marking; location of underground services

EASE OF LAYING
- inaccessible areas with slopes and gradients can be paved without use of heavy equipment

EFFLORESCENCE

This superficial phenomenon is commonly found in most concrete-based or cementitious products. However, this efflorescence effect will disappear over time (weathering) whereby rain usually washes the efflorescence away in about six months to a year and in the worst scenario could take two years.

Typical Pavement Cross-Section