



# BOND TEXTURED

## Smooth flowing curves for a timeless appeal

The Tilcor Bond textured-finish tile captures the refined look of a traditional-style roofing tile while incorporating the lightweight advantages of steel. Its distinctive scalloped profile complements any architectural style. Tilcor Bond is available in a wide selection of colours to enhance any exterior colour scheme.

Extensive research and development in the design process ensures every Tilcor product is manufactured to the highest quality with exceptional durability and strength.

The tile profiles and roofing accessories are engineered to interlock and overlap to resist wind lifting and keep out the harsh elements. At less than 7 kg/m<sup>2</sup>, a Tilcor roof is a 'Lightweight Roofing System', so considerable cost savings can be achieved during construction. The perfect replacement for your old existing roof, a Tilcor roof lets you improve the look and value of your home in a matter of days.

All of Tilcor's roofing products are fabricated from Zinc-aluminium protected steel. Tilcor's textured finish provides added protection by embedding natural stone granules in an acrylic base-coat.

A final clear acrylic over-glaze is applied before being oven cured. This extremely durable UV-resistant coating enables Tilcor roofing products to withstand the harshest environments around the world.

Tilcor is ISO9001 accredited. International test reports, appraisals and field results confirm our products are 100% waterproof, earthquake safe, fire resistant and able to withstand hurricane-force winds of up to 190kph. A Tilcor roof will not only safeguard your investment but will also give you complete peace of mind because it's backed by a 50 -years pro rata Tilcor warranty.

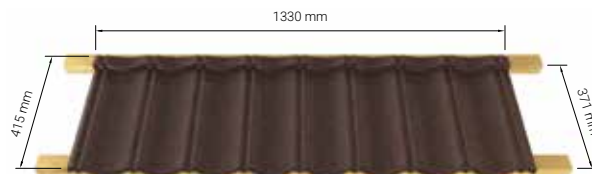
You will not find a more durable, versatile and attractive roofing product on the world market that will surpass Tilcor's quality and affordability.

**Minimum roof pitch: 12 degrees**



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## Colour Options



Charcoal Grey



Chestnut



Spanish Red



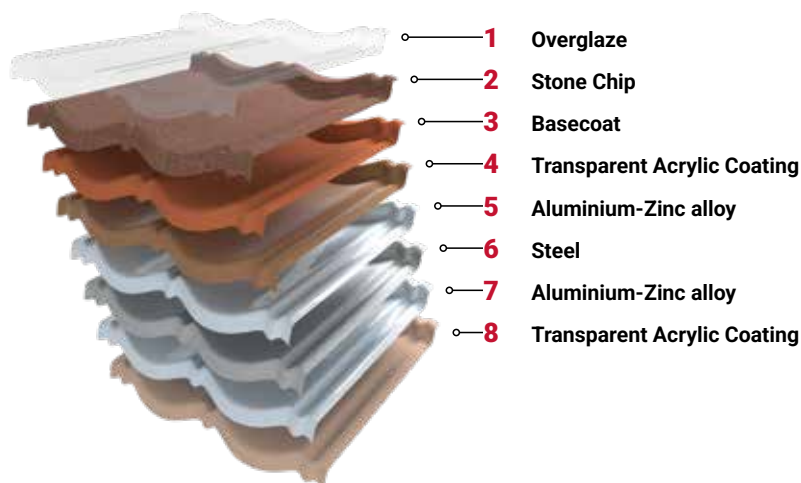
Scarlet



Forest Green

Colours in this brochure are as close to the original as modern printing process will allow.

## MATERIAL STRUCTURE



## STEEL SPECIFICATION

The TILCOR BOND tile is made of Aluminium-Zinc alloy coated steel. The grade of steel used is designed to allow forming without cracking or significant elastic recovery and at the same time to be rigid enough to tolerate reasonable loads without excessive deformation.

## TEXTURED SURFACE

Stone chip granules are applied to provide an attractive textured finish which at the same time enhance resistance to UV radiation.

## COATING SPECIFICATION

**Overglaze:** Clear 100% acrylic resin coating for granule binding and a semi-gloss finish. It helps enhance the appearance as well as increase the resistance to physical damage.

**Stone Chip:** Carefully selected granules provide excellent surface coverage and attractive natural lasting colours.

**Basecoat:** A tough opaque coating based on acrylic resin. It bonds the stone chips and protects the underlying layer from water and UV radiation. It has good UV resistance and retains its flexibility although it does become harder after the first few weeks.

**Transparent coatings:** Both sides of the Aluminium-Zinc alloy coated steel are coated with a transparent layer that provides protection and a uniform substrate for further coatings. This transparent coating allows identification of the Aluminium-Zinc substrate to be made by distributors and customers.

Overall Length	1330 mm
Length of Cover	1270 mm
Overall Width	415 mm
Width of Cover	371 mm
Minimum Pitch	12° (21%)
Up stand	25 mm
Down turn	23 mm
Roof Cover	0.469 m <sup>2</sup>
Tiles per m <sup>2</sup>	2.13
Weight/panel	2.90 kg
Weight/area	6.18 kg/m <sup>2</sup>
Batten space	371 mm



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