



# TREADTILE

## Eco-Friendly Carpet Tiles

### Made from 95% Recycled Aircraft & Truck Tyres

*The need to responsibly source materials and products for building projects is at the forefront of many architects' minds. BIRRUS TREADTILE provides a high-quality, low-maintenance and durable carpeted surface suitable for a wide range of areas within commercial and public buildings.*

#### ECO-FRIENDLY BIRRUS TREADTILE

State-of-the-art recycling technology is used to convert post-consumer truck and aircraft tyres into a high-quality product. These tyres could otherwise be on their way to landfill but we give them a new life as BIRRUS TREADTILE. If sourcing products responsibly is part of your approach to projects then you should consider this system.

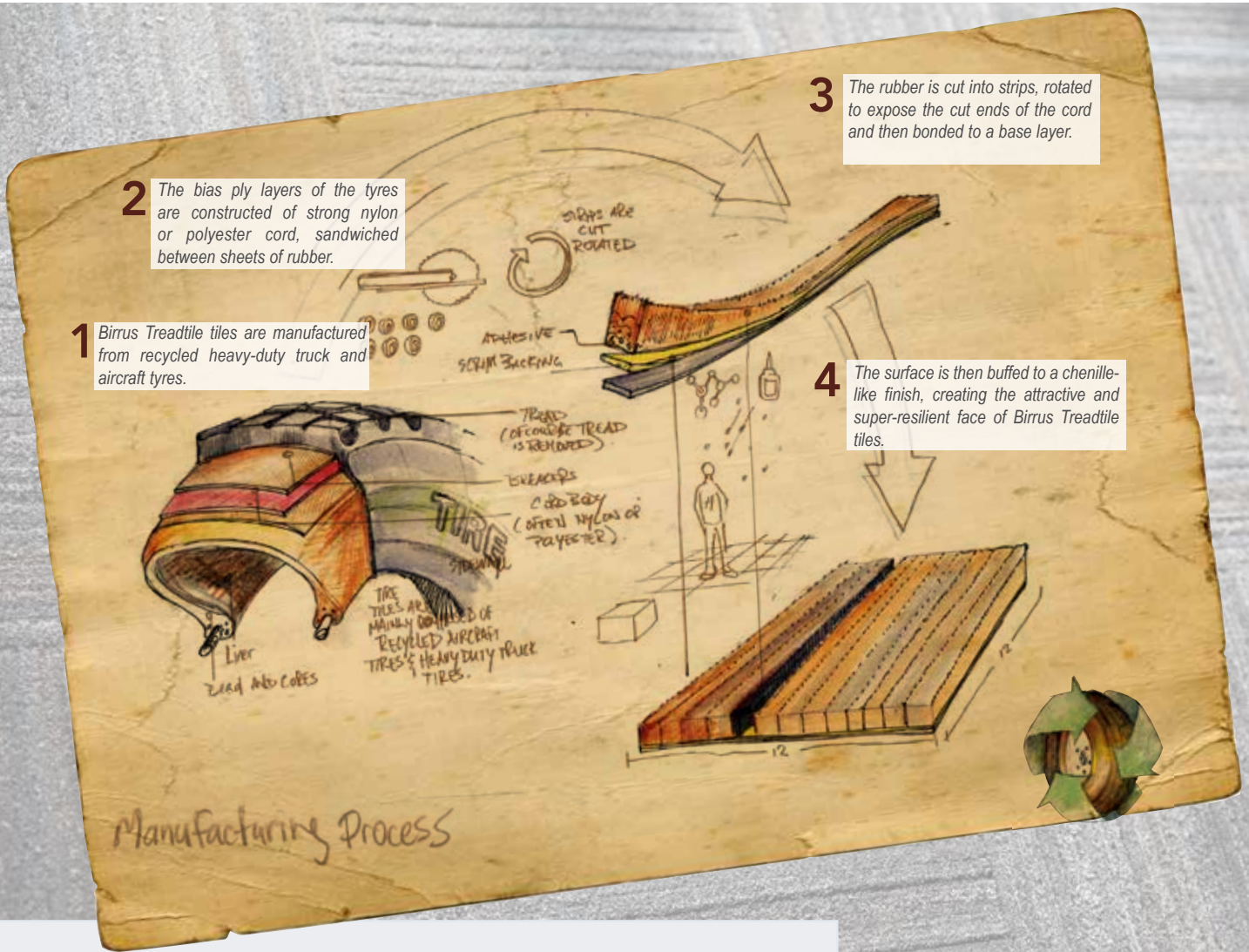
#### DURABLE BIRRUS TREADTILE

The durable construction of BIRRUS TREADTILES makes them ideal for high-traffic areas such as building entrances and lobbies in environments like airports, shopping centres, schools, retail stores and offices. They are also suitable for covered external environments where they maintain their slip-resistant properties even when wet.

#### VERSATILE BIRRUS TREADTILE

The excellent traction of BIRRUS TREADTILE makes them ideal not only for flat flooring, but also for ramps, walkways, stairwells and airport aerobridges. Their durable surface also means that they can be used in areas where spikes or studded footwear is worn such as sports centres and locker rooms. Easy to install and maintain, BIRRUS TREADTILES can be laid in herringbone patterns, standard or diagonal parquets, large geometric grids or a range of other designs.

# BIRRUS TREADTILE TILE SYSTEM



**2** The bias ply layers of the tyres are constructed of strong nylon or polyester cord, sandwiched between sheets of rubber.

**1** Birrus Treadtile tiles are manufactured from recycled heavy-duty truck and aircraft tyres.

**3** The rubber is cut into strips, rotated to expose the cut ends of the cord and then bonded to a base layer.

**4** The surface is then buffed to a chenille-like finish, creating the attractive and super-resilient face of Birrus Treadtile tiles.

Manufacturing Process

## BIRRUS TREADTILE TILE TECHNICAL SPECIFICATION

### SPECIFICATION

**Product Type:** Heavy-duty entrance flooring tiles

**Material:** 100% recycled rubber tyre and belt material with reinforcement

**Surface Aspect:** Buffed, chenille-like nylon

**Primary Backing:** Non-flammable solid adhesive base

**Thickness:** 9.525 mm

**Tile Size:** 305 mm x 305 mm

**Weight:** 9.88kg/m<sup>2</sup>

**Warranty:** 5-year Warranty

**Installation:** Can be installed on a flat surface or recessed

**Trimming:** Tiles can be trimmed for borders or other hard-to-fit areas

### ACCREDITATION

- Slip Resistance Tested to AS 4586-2013 Standard. Slip Resistance Classification: P5
- Fire Tested to AS/ISO 9239.1-2003 Standard (test report available on request or on our website)
- Abrasion Resistance: Wear Index, 1/g=53.9
- Tensile Strength: Longitudinal >1500psi

### CHEMICAL RESISTANCE

- Acetic Acid 30% - Good
- Butyl Alcohol - Good
- Chromic Acid (dilute) - Good
- Detergents - Good
- Petroleum Products - Not Resistant
- Hydrogen Peroxide - Good
- Nitric Acid - Not Resistant
- Sodium Hydroxide - Good
- Sulphuric Acid (dilute) - Good

## ABOUT BIRRUS

For over 70 years, Birrus has been trusted by architects and builders in Australia for products that are both beautiful and durable. We have maintained our market leadership by moving with the times, using the latest materials and design innovations to remain your first choice for matting systems and flooring safety products. As a company, Birrus has also implemented a number of measures to minimise our carbon footprint, initiated recycling procedures and gained environmental accreditation.

### REQUEST A SAMPLE

To request a free sample of BIRRUS TREADTILE for consideration on your next project, call 1300 369 858 or visit [www.birrusmatting.com.au](http://www.birrusmatting.com.au)

