



High Performance Synthetic Felt Underlay

## LaySafe® - FT 28

### Technical Specification

Product Code	FT 28
Application	Acoustic and high performance underlay
Material	100% Polyester Fiber with 85% Recycled Material
Traffic	Heavy Residential
Thickness	6 mm +/- 0.50
Weight	950 g/m <sup>2</sup> +/- 10%
Density	158 kgs / Cubic.m +/-
Width	200 cm +/- 1%
Roll Length	25 meters +/- 10%
Installation	Stretch Fit



Note : Due to natural of recycled fibers, the color variation & shade is uncontrollable & subject to changes without prior notice

### Extremely durable

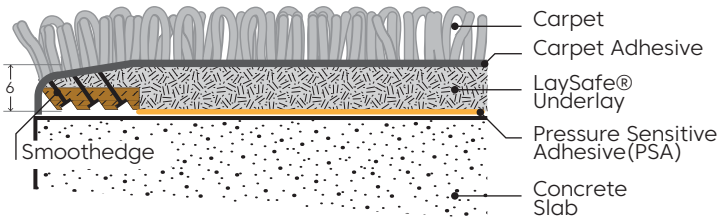
LaySafe® is clean, odorless and extremely durable. Unlike foam rubber, it does not deteriorate or crumb over time. It can be reused when carpet is replaced.

### Better support for the carpet

LaySafe® is made from millions of recycled synthetic fibers reclaimed from creel-end waste carpet yarn, needled and compressed to an optimum density that would give best support to the carpet, enabling the carpet to retain its new look longer.

### Superior flammability ratings

LaySafe® has excellent flame retardant properties compared with foam rubber. If burnt, flames do not spread and gives off white smoke as opposed to toxic black smoke emitted when rubber burns while flames spread rapidly. LaySafe meets ASTM E648 Class 1 rating of Critical Radiant Flux for use in corridor and exit ways and as specified by the Nation Fire Protection Association (NFPA) of the United States of America. LaySafe® underlay is ideal for offices where castor chairs are used. Chairs move more freely compared with carpet installed on soft foam rubber underlay.



Section

# LaySafe®

## High Performance Synthetic Felt Underlay

LaySafe® designed by Feltech to endure heavy traffic in all areas, convention and exhibition halls, airports, casinos, offices, hotel corridors and bedrooms. Manufactured by us as premium needled felt from a thick mass of recycled synthetic fibres and reclaimed creel ends of carpet yarn. This mass is compressed to a density and processed to become superior sound absorption underlay with a luxury cushioning effect.

Primarily developed as the ideal underlay for carpet, it is also used with wooden flooring.


## Laysafe has been developed under 3 principles :


### 1 Fire Safety


ASTM E648


Class 1 rating by the National Fire Protection Association of the United States of America

### 2 Performance

 Luxurious Underfoot Comfort

 Better Support

 Superior Sound Absorbency and footstep noise

 Air Permeable

### 3 ECO Friendly

Made of Recycled Material > 80% Post Consumer Recycled Material

## Special Features:

- 100% synthetic fibers
- Use environmentally friendly recycled and recyclable materials
- Odorless
- Clean and smooth surfaces
- Dust-free
- High density for exceptional carpet support
- Does not develop bacteria or mildew
- Easy installation
- Designed for double glue down installation system
- Excellent flammability ratings

## Standard

BS 5808 : 1991 Test results  
British Standard for Carpet Underlay

Loss in thickness after static loading	BS 4939, < 20%
Loss in thickness after dynamic loading	BS 4052, < 15%
Retention of work of Compression	BS 4098, > 80%
Resistance to cracking	BS 5808, Pass

### Flammability

Ceitical Radiant Flux	ASTM E 648, Class 1 (as specified in NFPA Life Safety Code)
- Volatile Organic Compound	ASTM D 5116-06, PASS
- Recycled Content (100% Synthetic Fiber)	> 85 %