

VELAPHONE is an acoustic membrane made of polyester felt and a vapour barrier film. Provides structural waterproofing while concrete is poured.

- Prevents a too-rapid evaporation of water from the concrete to improve curing.
- Resists crushing; preserves its acoustic properties.

## ACOUSTIC TEST

### Properties\*

|     |    |
|-----|----|
| IIC | 62 |
| STC | 61 |

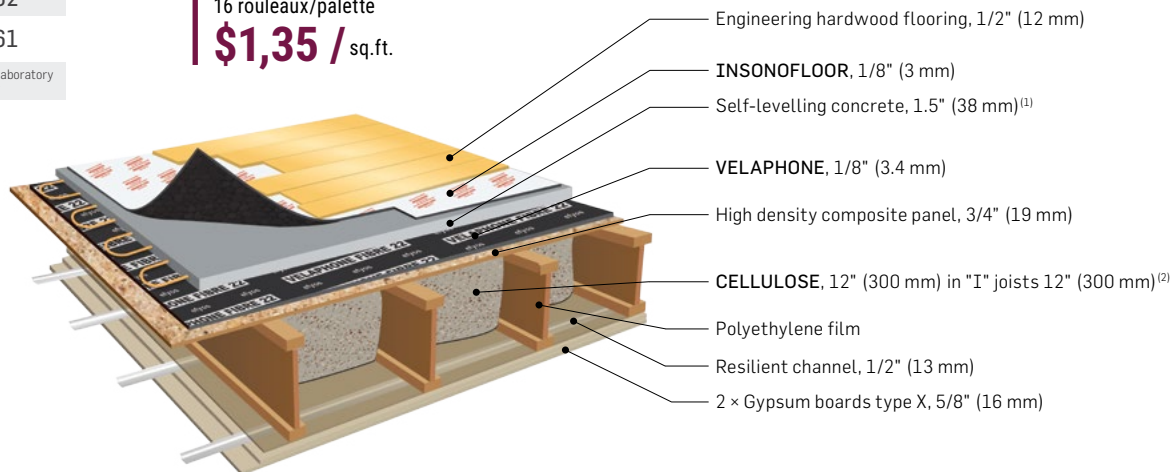
Note : Test performed on laboratory on a complete floor

INSONOFLOOR code **10414**

35" X 39' (115 sq.ft.)

16 rouleaux/palette

**\$1,35 / sq.ft.**



The VELAPHONE membrane can also be used as an acoustic membrane for ceramic tiles in the following assembly:

- Ceramic tiles and grout with sand and polymers; 3 mm (1/8 in) joints
- Polymer modified mortar
- 19 mm (3/4 in) thick cement-sand
- VELAPHONE membrane glued to the support with SOPRAWAY adhesive
- Concrete slab

## ACOUSTIC TEST

### Properties\*

|     |    |
|-----|----|
| IIC | 58 |
| STC | 57 |

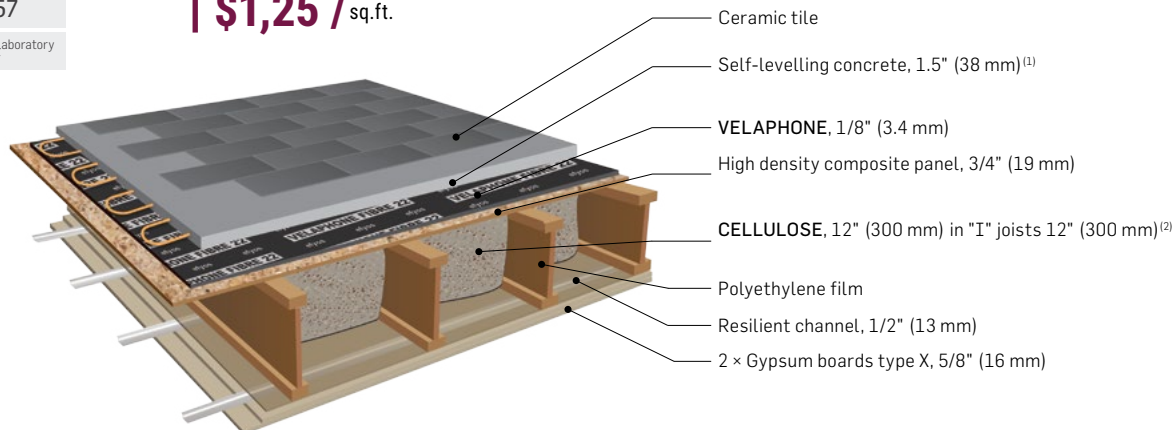
Note : Test performed on laboratory on a complete floor

VELAPHONE code **22722**

39" X 65' (215 sq.ft.)

16 unités par palette

**\$1,25 / sq.ft.**



**IIC** : Impact Insulation Class; standard test method for laboratory measurement of impact sound transmission through floor-ceiling assemblies using the tapping machine. Tests in compliance with the ASTM E492-09 standard.

**STC** : Sound Transmission Class; standard test method for laboratory measurement of airborne sound transmission loss of building partition. Tests in compliance with the ASTM E90-09 standard.

\*IIC and STC results are presented for information purpose only. Equivalent performance cannot be guaranteed by SOPREMA.

(1): According to us, the use of 32 mm (1 1/4 in) of self-levelling concrete or use of any type of concrete will not have a significative influence on the acoustical results.

(2): According to us, the use of web open joists will not have a significative influence on the acoustical results.