HEAVY TRAFFIC LVT LOOSE-LAY

Eye-catching floors for high-traffic areas in offices, hospitality and retail

SENSORY BENEFITS
- Coordinated colours and patterns
- Enhances corporate image with a pleasant, productive environment

FUNCTIONAL BENEFITS
- Cost-effective installation
- Great dimensional stability
- Easy access to cables and pipes (raised floors)
- No wax, no polish for life with Top Clean XPTM!

ENVIRONMENTAL BENEFITS
- Low VOC emissions contribute to better indoor air quality
- Reduced carbon footprint
- Recyclable

iD INSPIRATION LOOSE-LAY

FUNCTIONAL PERFORMANCE
- TopClean XP® PUR reinforcement: extreme resistance and easy low-cost maintenance
- Surface embossing for better non-slip properties
- Pure PVC transparent wearlayer: exceptionally low wearing and indentation resistant
- Design film: 7 design options
- Core layer with glass fiber reinforcement: improved dimensional stability and resistance to tear and indentation
- Balancing layer for a curl-free product backing

ENVIRONMENTAL PERFORMANCE
- Specific surface resistance: R9 > 1010 Ohm
- Impact sound reduction: dB ≤ 6
- Acoustic absorption: αw = 0.65
- Acoustic improvement: NF S 35-027
- Dimensional stability: 0.30 mm
- Slip resistance: EN 10140-3
- Thermal resistance: 0.04 m² K/W
- Electrical properties: EN 1815
- Fire reaction: EN ISO 11654

The above information is subject to modifications for the benefit of further improvement (02/2017).
For more detailed technical information, please contact Tarkett.
iD INSPIRATION LOOSE-LAY

Main Product Features
- Tarkett exclusive anti-skid backing preventing sliding in all directions
- No permanent adhesive needed; fast and easy installation
- Excellent resistance to scratches and abrasion
- Excellent acoustic efficiency
- Superior indentation resistance

Surface Treatment

Sustainability Tag

Logistics Information
Available in planks

General Information

The above information is subject to modifications for the benefit of further improvement (02/2017).
For more detailed technical information, please contact Tarkett.

<table>
<thead>
<tr>
<th>TECHNICAL DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of floor covering</td>
</tr>
</tbody>
</table>

Classification

<table>
<thead>
<tr>
<th>STANDARDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 10874 (EN 685) Commercial/Industrial</td>
</tr>
</tbody>
</table>

Characteristics

<table>
<thead>
<tr>
<th>Total thickness</th>
<th>4.50mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wear layer thickness</td>
<td>0.55mm</td>
</tr>
<tr>
<td>Total weight</td>
<td>7 500g/m²</td>
</tr>
</tbody>
</table>

Polyurethane reinforcement (PUR)
- TopClean XPTM

Wear layer binder content
ISO 10582 Type I

Residual indentation
EN ISO 24343-1 ≤ 0.10mm

Reaction to fire
EN 13501-1 Bfl-s1 loose laid on wood panel and A2fl-s1 or A1fl class substrate

Slip resistance
DIN 51130 EN 13893 R9 ≥ 0.30

Dimensional stability
EN ISO 23999 (EN 434) ≤ 0.10%

Electrical properties
EN 1081 ca. 1011 Ohm

Chemical resistance
EN ISO 26987 (EN 423) Not affected (0)

Thermal resistance
EN ISO 10456 0.04m² K/W Suitable

Light fastness
EN ISO 105-B02 ≥ 6

Impact sound reduction
EN ISO 10140-3 EN ISO 717/2 ∆ Lw = 8dB

The above information is subject to modifications for the benefit of further improvement (02/2017).
For more detailed technical information, please contact Tarkett.

See page 546 for coordinated accessories offer

iD INSPIRATION
Loose-lay

Beach Wood - Beige - Grey
2464 0009
2464 0010

Delicate Wood
2464 0011
2464 0012
2464 0013

Elegant Oak
2464 0014
2464 0015

Sawn Oak
2464 0016
2464 0017
2464 0018

Beach Wood

Delicate Wood

Elegant Oak

Sawn Oak
### iD INSPIRATION LOOSE-LAY

#### Main Product Features
- Tarkett exclusive anti-skid backing preventing sliding in all directions
- No permanent adhesive needed; fast and easy installation
- Excellent resistance to scratches and abrasion
- Excellent acoustic efficiency
- Superior indentation resistance

#### Surface Treatment

#### Sustainability Tag

- Recyclable
- Recycled content: 100% (except recycled content)
- Better Indoor Air Quality: TVOC AT 28 DAYS < 100 µg/m³

#### Logistics Information

- Available in planks and tiles: 22.9 x 121.9 cm

#### General Information

- iD Inspiration Loose-lay
  - EN 14041:2004
  - Manufactured by: Tarkett GDL S.A.
  - L-9779 Lantzweiler
  - 0131-0055-DoP-2014-10
  - http://professionals.tarkett.com

---

### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Classification</th>
<th>Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of floor covering</td>
<td>EN ISO 10582: Modular heterogeneous compact vinyl</td>
</tr>
<tr>
<td>Classification</td>
<td>ISO 10874 (EN 685) commerce/industrial</td>
</tr>
<tr>
<td>Characteristics</td>
<td>Classes: 33 42</td>
</tr>
<tr>
<td>Total thickness</td>
<td>EN 26240 (EN 420) 4.50mm</td>
</tr>
<tr>
<td>Wear layer thickness</td>
<td>EN 26340 (EN 429) 0.55mm</td>
</tr>
<tr>
<td>Total weight</td>
<td>EN ISO 23997 (EN 430) 7 500g/m²</td>
</tr>
<tr>
<td>Polyurethane reinforcement (PUR)</td>
<td>TopClean XPTM</td>
</tr>
<tr>
<td>Wear layer binder content</td>
<td>ISO 10582 Type I</td>
</tr>
<tr>
<td>Technical performance</td>
<td>Residual indentation: EN ISO 24343-1 ≤ 0.10mm</td>
</tr>
<tr>
<td></td>
<td>Reaction to fire: EN ISO 13501-1 Bfl-s1 loose laid on wood panel and A2fl-s1 or A1fl class substrate</td>
</tr>
<tr>
<td></td>
<td>Slip resistance: DIN 51130 EN 13893 R9 ≥ 0.30</td>
</tr>
<tr>
<td></td>
<td>Dimensional stability: EN 424 No damage</td>
</tr>
<tr>
<td></td>
<td>Electrical properties: EN 1081 ca. 1011 Ohm</td>
</tr>
<tr>
<td></td>
<td>Chemical resistance: EN ISO 26987 (EN 423) Not affected (0)</td>
</tr>
<tr>
<td></td>
<td>Thermal resistance: EN ISO 10456 0.04m² K/W Suitable</td>
</tr>
<tr>
<td></td>
<td>Impact sound reduction: EN ISO 10140-3 EN ISO 717/2 ∆ Lw = 8dB</td>
</tr>
</tbody>
</table>

---

The above information is subject to modifications for the benefit of further improvement (02/2017). For more detailed technical information, please contact Tarkett.
**iD TILT**

**Concrete & Granite**

**Main Product Features**
- 7 designs and 2 formats to perfectly fit to your project
- Extreme connection resistance, for long-lasting performance in high traffic areas
- Easy and quick installation thanks to its interlocking connection (no glue, no click)
- Excellent value for money

**Surface Treatment**

- **Recyclable**: 100% (*except recycled content*)
- **Better Indoor Air Quality**
  - TVOC AT 28 DAYS < 100 µg/m³

**Logistics Information**
- Available in tile with interlocking connection system
- **Laying direction**: Checkboard pattern installation recommended (to mask the joints)
- **General Information**
  - **EN 14041:2004**
  - **Distributed by**: Tarkett GDL SA
  - **L-9779 Lentzweiler**
  - **0131-0054-DoP-2015-01**
  - **http://professionals.tarkett.com**

---

**Granite**

- **4697 005**
- **4697 007**
- **4697 004**
- **4697 006**

**Concrete**

- **24750 000**
- **24750 001**

---

**iD TILT Classification**

<table>
<thead>
<tr>
<th>Type of Floorcovering</th>
<th>EN ISO 10582 Modular heterogeneous product with interlocking connection</th>
</tr>
</thead>
</table>

**Classification**

<table>
<thead>
<tr>
<th>Classification</th>
<th>EN ISO 10874 - EN 685</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial: 34</td>
<td>Industrial: 43</td>
</tr>
</tbody>
</table>

**Characteristics**

- **Total thickness**: EN ISO 26346 - EN 428 5.0 mm
- **Wear layer thickness**: EN ISO 26340 - EN 429 0.70 mm
- **Surface treatment (PUR)**: Yes
- **Total weight/m²**: EN ISO 23997 - EN 430 8 000 g
- **Wear layer binder content**: ISO 10582 Type I

**Technical performance**

- **Dimensional stability**: EN ISO 23999 - EN 636 < 0.15%
- **Reaction to fire**: EN 13501-1 R-s1 over any wood derivative panel
- **Residual indentation**: EN ISO 26343-1 - EN 433 < 0.15 mm
- **Furniture leg**: EN ISO 10581 - EN 424 No damage
- **Castor chair**: ISO 4918 - EN 425 No damage
- **Impact sound reduction**: EN ISO 717-2 ∆Lw = 6 dB
- **Thermal resistance**: EN ISO 10456 approx. 0.05 m² K/W
- **Light fastness**: EN ISO 105-B02 ≥ 6
- **Chemical resistance**: EN ISO 28487 - EN 423 Not affected (0)
- **Slip resistance**: EN 13893 μ ≥ 0.30 DS DIN 51130 R9
- **Electrostatic properties**: EN 1655 1 kV on concrete
- **Electrostatic properties**: EN 1881 R2 < 10² Ω

**Sustainability Tag**

- **Recyclable**: 100% (*except recycled content*)
- **Better Indoor Air Quality**: TVOC AT 28 DAYS < 100 µg/m³

---

**Technical Data in force upon the date of publication (02/2017).**

The values correspond to laboratory tests (no in situ test) and are subject to modification.

Tarkett’s instructions regarding installation, cleaning and maintenance shall be observed. Please contact your local sales rep. for these instructions.

---

See page 546 for coordinated accessories offer
iD SQUARE

Main Product Features
- No permanent adhesive needed; fast and easy installation
- Excellent resistance to scratches and abrasion
- Excellent resistance to scuffing, soiling and staining
- Excellent acoustic efficiency (15dB)
- Superior indentation resistance

Surface Treatment

Sustainability Tag
Square Acoustic

Logistics Information
Available in tiles and planks:

Laying direction:

General Information

The above information is subject to modifications for the benefit of further improvement (02/2017). For more detailed technical information, please contact Tarkett.
### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Classification</th>
<th>Standards</th>
<th>iD Square</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of floor covering</td>
<td>ISO 3953</td>
<td>Acoustic resilient floor covering</td>
</tr>
<tr>
<td>Classification</td>
<td>ISO 10874</td>
<td>Commercial: 34</td>
</tr>
<tr>
<td>Characteristics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total thickness</td>
<td></td>
<td>4.50mm</td>
</tr>
<tr>
<td>Wear layer thickness</td>
<td></td>
<td>0.80mm</td>
</tr>
<tr>
<td>Total weight</td>
<td></td>
<td>5 195g/m²</td>
</tr>
<tr>
<td>Wear layer binder content</td>
<td>ISO 10582</td>
<td>Type I</td>
</tr>
<tr>
<td>Technical performance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensional stability</td>
<td>EN ISO 20909 (EN 634)</td>
<td>≤ 0.30%</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 11991-1</td>
<td>B1, s1, loose-laid or glued over any A2s or A2, s1, substrate (concrete) or any C1, s1, or C2, s1, substrate</td>
</tr>
<tr>
<td>Residual indentation</td>
<td>Average measured value</td>
<td>0.15mm</td>
</tr>
<tr>
<td>Maximum residual indentation</td>
<td>EN ISO 24343-1 (EN 433)</td>
<td>≤ 0.20mm</td>
</tr>
<tr>
<td>Furniture leg</td>
<td>EN 424</td>
<td>No damage</td>
</tr>
<tr>
<td>Castor chair</td>
<td>EN ISO 4918</td>
<td>No damage</td>
</tr>
<tr>
<td>Reduction on transmitted impact noise</td>
<td>EN ISO 10140-3</td>
<td>Class B - 10dB ≤ 20dB</td>
</tr>
<tr>
<td>Reduction of in room noise</td>
<td>NF S 31-074</td>
<td>Class B - 10dB ≤ 20dB</td>
</tr>
<tr>
<td>Acoustic absorption</td>
<td>EN ISO 354</td>
<td>α = 0.05</td>
</tr>
<tr>
<td>Thermal resistance</td>
<td>EN ISO 10456</td>
<td>0.50W/m²K</td>
</tr>
<tr>
<td>Electrostatic properties</td>
<td>EN 1081</td>
<td>R &gt; 10¹² ohms</td>
</tr>
<tr>
<td>Light fastness</td>
<td>EN ISO 105-B02</td>
<td>≥ 4</td>
</tr>
<tr>
<td>Resistance to chemicals</td>
<td>EN ISO 26987</td>
<td>Not affected (0)</td>
</tr>
<tr>
<td>Antislip classification</td>
<td>EN 13893</td>
<td>≥ 0.30</td>
</tr>
</tbody>
</table>

The above information is subject to modifications for the benefit of further improvement (02/2017).

For more detailed technical information, please contact Tarkett.

---

### Main Product Features

- No permanent adhesive needed; fast and easy installation
- Excellent resistance to scratches and abrasion
- Excellent resistance to scuffing, soiling and staining
- Excellent acoustic efficiency (15dB)
- Superior indentation resistance

### Surface Treatment

- iD Square

### Sustainability Tag

- Square Acoustic
- Recyclable
- Recycled content: 3%
- Optimal Indoor Air Quality: < 10 µg/m³ TVOC AT 28 DAYS

### Logistics Information

Available in tiles and planks: 25 x 100cm

Laying direction: Square tiles

---

### General Information

- iD Square
- EN 14041:2004
- Manufactured by: Tarkett France
- 2 avenue François Sommer, F-082013 Sedan Cedex - France
- 0120-067-DoP-2014-11
- http://professionals.tarkett.com
- According to European Classification ISO 10874 (EN 685) H
- See page 546 for coordinated accessories offer

---

*TVOC AT 28 DAYS

---

See page 546 for coordinated accessories offer
## TECHNICAL DATA

<table>
<thead>
<tr>
<th>STANDARDS</th>
<th>iD Square</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Classification</strong></td>
<td>ISO 10584 Acoustic resilient floor covering</td>
</tr>
<tr>
<td><strong>Classification</strong></td>
<td>ISO 10874 Commercial: 34</td>
</tr>
<tr>
<td><strong>Characteristics</strong></td>
<td></td>
</tr>
<tr>
<td>Total thickness EN ISO 24346 (EN 428)</td>
<td>4.50mm</td>
</tr>
<tr>
<td>Wear layer thickness EN ISO 24340 (EN 429)</td>
<td>0.80mm</td>
</tr>
<tr>
<td>Total weight EN ISO 23997 (EN 430)</td>
<td>5 195g/m²</td>
</tr>
<tr>
<td>Wear layer binder content</td>
<td>ISO 10582 Type I</td>
</tr>
<tr>
<td><strong>Technical performance</strong></td>
<td></td>
</tr>
<tr>
<td>Dimensional stability EN ISO 23999 (EN 634)</td>
<td>≤ 0.20%</td>
</tr>
<tr>
<td>Residual indentation EN ISO 24343-1 (EN 433)</td>
<td>≤ 0.20mm</td>
</tr>
<tr>
<td>Furniture leg EN 424</td>
<td>No damage</td>
</tr>
<tr>
<td>Castor chair EN ISO 4918</td>
<td>No damage</td>
</tr>
<tr>
<td>Reduction on transmitted impact noise EN ISO 10140-3</td>
<td>ΔLW = 15 dB (± 1 dB)</td>
</tr>
<tr>
<td>Reduction of in room noise NF S 31-074 Class B</td>
<td>Ln,e,w &lt; 75dB</td>
</tr>
<tr>
<td>Acoustic absorption EN ISO 354</td>
<td>αw ≥ 0.05</td>
</tr>
<tr>
<td>Thermal resistance EN ISO 10056</td>
<td>λ ≤ 0.04 W/mK</td>
</tr>
<tr>
<td>Electrostatic properties EN 1081</td>
<td>R &gt; 10⁶ ohms</td>
</tr>
<tr>
<td>Light fastness EN ISO 3667</td>
<td>≥ 5</td>
</tr>
<tr>
<td>Resistance to chemicals EN ISO 27687</td>
<td>Not affected (0)</td>
</tr>
<tr>
<td>Anticorrosion classification EN ISO 11654 (EN 5133)</td>
<td>≥ 0.30</td>
</tr>
</tbody>
</table>

The above information is subject to modifications for the benefit of further improvement (02/2017). For more detailed technical information, please contact Tarkett.

## Main Product Features

- No permanent adhesive needed; fast and easy installation
- Excellent resistance to scratches and abrasion
- Excellent resistance to scuffing, soiling and staining
- Excellent acoustic efficiency (15dB)
- Superior indentation resistance

## Surface Treatment

### Sustainability Tag

- **Square Acoustic**
- **Recyclable**
- **Recycled content** 100%
- **Optimal Indoor Air Quality** < 10 µg/m³

### Logistics Information

Available in tiles and planks:

| Laying direction: | Square tiles |

### General Information

- **iD Square**
- **EN 14041:2004**
- **Manufactured by:** Tarkett France
  2 avenue François Sommer, F-082013 Sedan Cedex - France
- **Logistics Information**
  - Available in tiles and planks:
    - Laying direction:
      - Square tiles
- **See page 546 for coordinated accessories offer**
**LIGHT & MODERATE TRAFFIC**

**LVT CLICK**

The ideal choice for new build and renovation in domestic environments

**SENSORY BENEFITS**
- Coordinated colours and designs
- Matching skirtings for a perfect finish
- Range of stylish accessories available

**ENVIRONMENTAL BENEFITS**
- Low VOC emissions contribute to better indoor air quality
- No glue required
- Phthalate-free technology

**FUNCTIONAL BENEFITS**
- Little or no subfloor preparation required
- Click system enables floating installation without glue
- Quicker to install
- Easier and cheaper to renovate - can be removed without damaging the subfloor
- Acoustic reduction of 13dB with Tarkomfort Pro underlayer

---

### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classification</td>
<td>EN ISO 10874 (EN 685)</td>
</tr>
<tr>
<td>Type</td>
<td>Commercial, residential</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total thickness</td>
<td>EN ISO 24346 (EN 428)</td>
</tr>
<tr>
<td>Wear layer thickness</td>
<td>EN ISO 24340 (EN 429)</td>
</tr>
<tr>
<td>Total weight</td>
<td>EN ISO 25997 (EN 430)</td>
</tr>
<tr>
<td>PU treatment</td>
<td>EN ISO 10582 TopClean™</td>
</tr>
<tr>
<td>Wear layer binder content</td>
<td>ISO 10582 Type I</td>
</tr>
</tbody>
</table>

### Classifications

<table>
<thead>
<tr>
<th>Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
</tr>
<tr>
<td>23</td>
</tr>
</tbody>
</table>

### Technical performance

- Impact sound reduction: EN ISO 717/2 ΔLw = 5dB
- Acoustic improvement: NF S31-074 78dB (Class C - Ln,e,w < 85dB)
- Residual indentation: EN ISO 24343-1 (EN 433) 0.08mm
- Reaction to fire: EN 13501-1 Bfl-s1 loose laid on concrete and on wood
- Slip resistance: DIN 11110 EN 13695 R10 (planks) / R9 (tiles) μ ≥ 0.30
- Dimensional stability: EN ISO 23999 (EN 434) < 0.10%
- Furniture leg: EN 424 No damage
- Castor wheel test: ISO 4918 (EN 425) No damage
- Contact to heat: EN ISO 25999 (EN 436) ≤ 2.0W/m²
- Electrostatic properties: EN 1881 E1835 > 2 kV on concrete 8.1 > 10⁹ Ohms
- Resistance to chemicals: EN ISO 20987 (EN 427) No affected (0)
- Thermal resistance: Underfloor heating: EN ISO 10545 0.035m² K/W
- Light fastness: EN ISO 105-B02 ≥ 5

Form of delivery: EN ISO 16442 (EN 427)

Marks: 18.3 x 122cm

Tiles: 31 x 60,3cm

The above information is subject to modifications for the benefit of further improvement (02/2017). For more detailed technical information, please contact Tarkett.

---

**iD ESSENTIAL CLICK**

1. Top surface treatment
2. Design print PVC film
3. PVC Compact backing and middle layers
4. ULTRA TOUGH TRANSPARENT PVC wear layer
**iD ESSENTIAL CLICK**

**Limewashed Oak - Brown**

- Beige
- Brown
- Natural

**Toasted Oak**

- Light Natural
- Dark Grey
- Brown

**Stone**

- Grey
- Brown
- Black

**Rust Metal**

- Grey
- Brown
- Black

---

**Main Product Features**

- **Top Clean™** surface protection for resistance and easy cleaning
- Excellent indentation resistance
- Excellent acoustic performances (up to 13 dB with Tarkomfort Pro underlayer)
- Perfect colour-matched skirtings for a perfect finish

---

**Surface Treatment**

- **Top Clean™** surface protection

**Sustainability Tag**

- Recyclable 100%

**Logistics Information**

Available in planks or tiles

- 18.3 x 122cm
- 31 x 60.3cm

**Laying direction:**

- Perpendicular

---

**General Information**

- **iD Essential Click**

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Classification</th>
<th>EN ISO 10874 (EN 685) - commercial/residential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of floor covering</td>
<td>Compact Resilient Flooring</td>
</tr>
</tbody>
</table>

**Characteristics**

- **Total thickness**
  - EN ISO 24346 (EN 428) 4.00mm
- **Wear layer thickness**
  - EN ISO 24340 (EN 429) 0.30mm
- **Total weight**
  - EN ISO 23997 (EN 430) 7.400g/m²

**PU treatment**

- TopClean™

**Technical performance**

- **Impact sound reduction**
  - EN ISO 717/2 ΔLw = 5dB
- **Acoustic improvement**
  - NF S31-074 78dB (Class C - Lₙ,e,w < 85dB)
- **Residual indentation**
  - EN ISO 24343-1 (EN 433) ≤ 0.08mm

**Reaction to fire**

- EN 13501-1 B fl-s1 loose laid on concrete and on wood

**Slip resistance**

- DIN 51130
- EN 13893
- R10 (planks) / R9 (tiles)
  - µ ≥ 0.30

**Dimensional stability**

- EN ISO 23999 (EN 434) < 0.10%

**Furniture leg**

- EN 424 No damage

**Castor wheel test**

- ISO 4918 (EN 425) No damage

**Curl resultant to heat**

- EN ISO 23999 (EN 434) ≤ 2.00mm

**Electrostatic properties**

- EN 1081
- EN 1815
  - > 2 kV on concrete
  - R3 > 10⁷ Ohms

**Resistance to chemicals**

- EN ISO 26987 (EN 423) Not affected (0)

**Thermal resistance**

- EN ISO 35465
  - 0.01m² K/W

**Light fastness**

- EN ISO 105-B02 γ 6

---

The above information is subject to modifications for the benefit of further improvement (02/2017).

For more detailed technical information, please contact Tarkett.

*For the Limewashed Oak design, the color may vary from one plank to another.