

Pergo laminate Living Expression – Modern Plank - Sensation has following specifications:

- The laminate floor covering consists of panels of 1380 x 190 x 8 mm and has 4 bevelled edges.
- The pressed bevel has the same properties as the top surface: wear resistant, antistatic, UV- and chemical resistant.
- The bevelled edges have the same colour, structure and shape of the decor. Every panel has an invisible hydroseal coating at the tongue and groove to make the Modern Plank Sensation water resistant. In combination with the waterproof and flexible Pergo Aqua Sealant for sealing the perimeter expansion joints, you create a water resistant laminate floor.
- The floor covering must contain a high density wood fibreboard (HDF) as support (as defined in EN 316). The top multilayer laminate consists of a decorative melamine based layer, protected on top by a transparent overlay for wear and scratch protection. The backing layer is also a melamine layer.
- The laminate floor covering is PEFC and Nordic Ecolabel (Green Swan) certified. EPD's are available on request.
- The laminate floor covering has permanent anti-static characteristics ($\leq 2kV$) according to EN 14041.
- The slip resistance is minimum class DS according to EN 13893.

According to DIN 51130 the slip resistance for the different structures is:

L0231-03367	R10
L0231-03368	R10
L0231-03369	R10
L0231-03370	R10
L0231-03371	R10
L0231-03372	/
L0231-03373	R10
L0231-03374	R10
L0231-03375	R10
L0231-03376	R9

- The flooring panels have a formaldehyde emission according class E1, what means $< 0,1$ ppm. We guarantee an emission of 0,01 ppm (10 times lower).
The flooring is class A+ (very low VOC emission) for the indoor air quality.
- The laminate floor covering is according to EN 13329, with CE mark according to EN 14041.
- The fire resistance class of the laminate floor covering, including the underlay prescribed by the manufacturer, is Cfl-s1 according to EN 13501-1.
- The laminate floor covering corresponds minimum to class 32 according to EN 13329. Class 32 is suitable for general commercial use, as defined in EN 13329.
- The technical characteristics in respect to swelling, wear, impact, scratch and soft castor chair wheels (type W) resistance, staining, cigarette burns and light fastness, have at least to satisfy the requirements of EN 13329. The wear class of the floor is AC4, the impact resistance is IC2 and the moisture swelling is $\leq 15\%$.
The thermal resistance of the laminate floor is 0,06 m²K/W.
- The laminate flooring should have a built-in technology which increases the resistance against micro scratching to a large extent. This characteristic enables to keep the new aspect for a longer period and to remain easy to maintain.
- The panels have to be installed WITHOUT glue, by means of a mechanical connection which allows the panels to be angled or to be inserted horizontally lengthwise. The panels must allow uplift and reinstallation for a limited number of times without any quality loss.
- The underlay will be an all-in-one solution to provide acoustic improvement and vapour protection from the subfloor.
- Expansion gaps will be covered by wallbases or 5-1 mouldings with matching decors.
- Decor can be chosen in the collection Living Expression, Modern Plank, Sensation.