



PRODUCT WARRANTY

This document certifies that Klumpp UV-Parquet Coatings
Applied on parquet surfaces by

“ PT. Samawood Utama Work Industry “ Three Layer Engineer Flooring

Layer Construction:

- 178 – UV Primer = 8 G/M2
- 168 – UV Putty = 25 G/M2
- 161 – UV Sealer = 50 G/M2
- 163 – UV Anti Scratch Top Coat = 12 G/M2

Is fulfilling the following international norms and standards:

Abrasion Resistance

ASTM D 4060, CS 17 stone, 500 g load

✓ >6.000 revolutions

DIN EN 438-2 , S 33 sandpaper strips, 500 g load, change of
sandpaper strips every 500 revolutions

✓ >150 revolutions

Chemical Resistance

DIN EN 13442

✓ Class 5 (no visible changes for all substances except black/blue ink)

Impact Resistance

DIN 51155, Impact Testing Device

✓ > 2 Newton

Scratch Resistance

Hamberger Planer Test

✓ > 20 Newton

DIN 68861 TL 4, Diamond Needle

✓ 4B / 2,0 Newton

Adhesion

DIN EN ISO 2409 / ASTM D 3359 Cross Cut Test

✓ GT 0 / >95%

Inflammability

DIN 4102 part 1

✓ B 1, Certification No. P-BWU03-I-16.5.56

Environmental Friendliness

eco-Label

✓ Passed, Certification No. ID 1108-12155-001

