

## Test Results

Description	Standard	Result
Determination of surface hardness	UNI EN 13892-6	> 300 N\mm <sup>2</sup> (SH 200)
Determination of abrasion resistance BCA	UNI EN 13892/4	Class AR2 max 200μ ( 200μ = 0.20 mm)
Determination of bond strength	UNI EN 13892-8	2.5 N\mm <sup>2</sup> – Classe B2,0 ( adhesion > 2 N\mm <sup>2</sup> )
Indentation using plate specimens	UNI EN 12697-20-21	Indentation 0,1 mm – class IC10 (UNI EN 13813)
Determination of water vapour transmission properties	UNI EN 12086	Class I : Sd > 5m (water vapor permeability) For application as described in the tech-data
Depth of penetration of water under pressure	UNI EN 12390-8 (500 kPa – 72 hour)	No Penetration
Determination of the support resistance to impact	UNI EN 6272	Class III – IR >20 equal to the fall of a sphere with mass 1000 g from a height of 2 mt. sample intact after collision
Determination of the slip resistance / friction of a surface.	UNI EN 13036-4 Samples treated with chemical hardner & special PU sealer	4 layers of MicroConcrete Dry in a sec 71 unit
Determination of the resistance to severe chemical attacks (specific liquid, water for swimming pool: delonized water, trichloro isocyanurate dosed at 10 g per m3 and Anti-algae dosed at 0.5 liters per 100 m <sup>3</sup> )	UNI EN 13529	Class II – No alteration and no reduction of shore
Classification fire reaction	UNI EN 13501	Class A2 fl ( European class)
Determination of the action of a chair with wheels: consists in to run a chair x 25,000 times on a MicroConcrete Surface, with a load of 90 kg.	EN 425:2002 Over reinforced concrete MicroConcrete	No defects found
Resistance to indentation (Brinell): penetrate steel ball of diameter 10mm,applying a load of 1000n	EN 425 :2002 Over reinforced concrete MicroConcrete	9.6 kg/mm <sup>2</sup> (Load evaluating unit area of residual impression)
Notes: Class I - Wet test for interior surfaces : unit ≥ 40 Class II - Dry test for interior surfaces : unit ≥ 40 Class III - Wet test for interior surfaces : unit ≥ 55		