

## Test report on scratch resistance of surfaces

Applicant Company: **KEMICHAL srl, via dell'artigianato 2, Trebaseleghe (PD)**

### Part concerning Sample

Sample's arrival: 05.10.2006

Tested Product: **Mixed varnish system for parquets**

Painting system: 2 coats 120 g/m<sup>2</sup> basecoat PU143CNS, catalyzed 50% with C1370I  
+ 1 coat 120 g/m<sup>2</sup> acrylic top-coat 1527 C15/20 gloss, catalyzed 20% with C1683.

Test support : Venereed Juglans support

Samples (type and misure) : Nr. 5 mm 100 x 100 x 7.

Surface: Smooth

<b>Reference Regulation</b>	<b>UNI 9428</b>
Author	Commission "furniture"
Title:	Tests on surfaces' varnishes. Defining of resistance to scratch

### Part concerning Test

Date of test: 10.10.2006

Operators: Enzo Morandi & Alessio Degli Innocenti

Lab temperature: 23°C / Humidity: 50%

Instrument: Scratch Tester: Erichsem mod 413, + mask and observation cabin.

Observers Degli Innocenti Alessio & Boddi Ugo (observer interior and exterior cabin)

Conditioning Before the test: 72 hours in a controlled environment

### Products and results

Name of sample	Minimum load	Level	Observations
<b>Mixed varnish system for parquet</b>	N 4,21	<b>5</b>	Nothing to notice

#### Explanations

The levels of test are from **1** (the worst) to **5** (the best)