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Herculan TC Court Club are polyurethane, eco-friendly and seamless tennis courts. **Herculan TC Court Club** tennis courts meet all the latest European Standards for tennis surfaces, the EN 14877:2006. **Herculan TC Court Club** tennis courts are rated according to the International Tennis Federation [ITF]. **The Herculan TC Court Club** system passes the German AgBB/DIBt emission test and is rated as safe for indoor building material.

The high performance, seamless surface of the **Herculan TC Court Club** system is non-porous, therefore hygienic and easy to clean. **Herculan TC Court Club** surface provides true ball bounce for all playing skills, both for professional and recreational players in the game of tennis. The excellent ball pace, slip and sliding properties provide a perfect surface on which to play. The Herculan Court S top-layer shows a superior wear resistance. The excellent UV weather resistant properties make **Herculan TC Court Club** a perfect court for indoor and outdoor use.

This tough and durable tennis court can also be used for exhibitions, concerts, speech-days and all other kinds of non-sport functions without the need for extra protection.

All Herculan Sports Floors are easy to maintain and can be resurfaced quickly and economically when required.





Types of Sports Surface	Hard court tennis surface for indoor and outdoor use.
Aim	Suitable for all tennis games indoor and outdoor, see Herculan Systems Selection Chart.
Description of the Sports Surface	Two layers of structured polyurethane top-coating on top of a structured primer layer.

HERCULAN TC COURT CLUB SYSTEM PROPERTIES

Athlete Surface Interaction

System Properties of the Sports Surface

Vertical Ball Behavior [EN 12235 – DIN 18032-2]	99 %
Angular Ball Rebound [ITF CS/01010-04-092]	43 Medium Fast
Resistance to a Rolling Load [EN 1569:1999]	> 1500 N, < 0.5 mm
Resistance to Fire [DIN 51960]	Not flammable – Class 1
Resistance to Fire [BS 476 Part 7:1997]	Not flammable – Class 3
Resistance to Fire [EN-ISO 11925:2002 & 9239-1:2002]	B _{FL} – S1
Resistance to Stubbed and Burning Cigarettes [EN 1399]	Resistant. No damage.
Formaldehyde Emission [EN 717-1]	Class E1, No formaldehyde.
AgBB: Health-related Evaluation of Emissions of Volatile Organic Compounds [VOC and SVOC]	Approved for Indoor usage

Properties of the Herculan Court S Surface Layer

Surface Texture [N/F 12.1 – Macro, Micro, Porosity]	Medium, Course, Closed
Surface Color	see Herculan Color Chart
Resistance to Wear [EN-ISO 5470-1, ASTM C-501]	Taber 1 kg 1000 cycles 134 mg
Gloss [EN-ISO 2813]	3 %
Friction [EN 13046-4]	Dry 95 at 20° C
Light [Color] Fastness [DIN 54004]	8 [Excellent]
Specular [Light] Reflectance [EN 13745]	0.1 – 0.3 [Color dependent]
Resistance to UV Light [EN 14836]	Excellent, Color change < 4 [EN ISO 20105-A02]
Performance after exposure to UV-light – EN 14836	Passes all requirements in EN 14877
Environmental Compatibility [DIN V 18035-6 Table 6, Lines 1-13]	Passed

Herculan Sports Surfaces B.V.

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