



Ultracoat HT Sport

**Two-component
water-based
polyurethane lacquer for
wooden sports floors**



WHERE TO USE

Ultracoat HT Sport is a two-component water-based polyurethane lacquer for sportive wooden floors. **Ultracoat HT Sport** has the same technical characteristics of a standard two-component water-based lacquer; it has been formulated in order to meet the highest requirements for wooden sports floors.

Ultracoat HT Sport conforms with European standards for indoor multisports surfaces meeting EN 14904:2006 requirements. Hardness, chemical and mechanical resistances make **Ultracoat HT Sport** a highly reliable product.

RECOMMENDATIONS

- Do not use, transport and store **Ultracoat HT Sport** at temperatures below +10°C or higher than +25°C.
- Not suitable for outdoor application.
- Use only clean containers and tools.
- Use in combination with **Ultracoat Premium Base**.
- Completely remove all traces of previous treatments in order to achieve an even finish.
- Protect treated surfaces from direct sunlight and draughts for the first three hours after application.

- Do not put surplus quantities of the product back into its original container. Partially used containers must not be stored for very long.
- At high temperatures, we recommend diluting the product up to 10% (Dir. 2004/42/CEE) with water or **Ultracoat EL**.

Preparation of the product

Mix thoroughly component A with component B until completely blended. At high temperatures, dilute comp. A before mixing with comp. B with up to 10% of clean water or **Ultracoat EL** (Dir. 2004/42/CEE). Once blended it is advisable to wait a few minutes before starting the application.

APPLICATION PROCEDURE

Sand wooden floors with coarse and medium-grained sand paper and vacuum all traces of dust. Grout cracks and irregularities in the surface with **Ultracoat Aqua Plus** or **Ultracoat Binder** according to the instructions contained in the product's TDS. Remove all traces of dust after buffing.

Apply a first even coat of **Ultracoat Premium Base** by **Ultracoat Roller Sport Base**. After 12 hours buff the surface with **Ultracoat SR 180/220** abrasive disk and proceed with the application of a first coat of **Ultracoat HT Sport** by **Ultracoat Roller Sport Finish**.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

	comp. A	comp. B
Consistency:	liquid	liquid
Colour:	milky white	transparent
Density:	1.035	1.075
Mixing ratio (A : B):	10 : 1	
Viscosity of the mix:	40 sec Ford Ø 3	
Sanding:	8 hours	
Ready for service:	48 hours	
EMICODE:	EC1 R Plus - very low emission	

FINAL PERFORMANCE - Requirements according to EN 14904:2006

Friction coefficient (EN 13036-4, dry):	90
Gloss at 85° (EN ISO 2813):	20
Wear resistance (EN 5470-1, 1000 giri, 500 g, CS 10):	30 mg
Sanitair Francese:	A+ non-determined
Maximum permitted dilution rate (Dir. 2004/42/CEE):	10% with clean water or Ultracoat EL
Gloss Factor:	20 Gloss

After 12-24 hours buff the surface with **Ultracoat SR 220** abrasive disk. If necessary, apply line and court markings applying one or more coats of **Ultracoat Sport Color**, (according to the instructions contained in the product TDS) and apply the final coat of **Ultracoat HT Sport**.

Cleaning

Clean tools and remove residues of **Ultracoat HT Sport** with water while the product is still fresh. Once hardened the product may only be removed mechanically.

CONSUMPTION

80-100 ml/m² per coat.

PACKAGING

5 + 0,5 l per unit (A+B).

STORAGE

12 months in its original, sealed packaging in a dry place.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Ultracoat HT Sport comp. A is not considered dangerous according to current

norms regarding the classification of mixtures.

Ultracoat HT Sport comp. B is hazardous if inhaled and is irritant for the respiratory system. It may cause sensitization when it comes in contact of those subjects sensitive to isocyanates.

During use, wear protective gloves and goggles and take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of clean water and seek medical attention. Wear suitable protection for the respiratory system.

Furthermore, **Ultracoat HT Sport** comp. B is dangerous for aquatic life. Do not dispose of it in the environment. For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT ONLY FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any

consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

The most up-to-date TDS can be downloaded from our website www.mapei.com.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.



This symbol is used to identify Mapei products which give off a low level of volatile organic compounds (VOC) as certified by GEV (Gesellschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.



Our Commitment To The Environment
MAPEI products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.

**All relevant references
for the product are available
upon request and from
www.mapei.com**



