

1. DESCRIPTION

Impa Tennis Court Coating is a 100% acrylic coating filled with graded silica's. Designed for use on both concrete and composite courts to give a durable, tough topping with excellent traction and even bounce properties.

2. INTENDED USE:

Impa Tennis Court Paint designed for application onto new and old Tennis Court Substrates offering a UV stable & slip resistant finish with minimal dirt pick up.

3. FEATURES:

- Excellent durability
- Fade resistant colours
- Excellent resistance to efflorescence
- Application by brush, roller or airless spray can be over coated in within an hour
- Versatile coating with excellent adhesion to suitably prepared surfaces.
- Easy to use.
- Excellent traction properties
- An environmental Choice product.
- **Low VOC.**
- **Impa Mouldtech™** antibacterial, fungal and algae protection

5. APPLICATION

- **General:** All surfaces must be cured, clean, dry and free from dirt, dust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers and other contaminants.
- **Bitumen:** Be sure the surface is clean, dry and sound. Check for oil, grease or any other loose particles or contaminants and remove with **Restore Heavy Duty Degreaser**. Rinse with fresh water and allow to dry thoroughly.
- **Concrete:** Thoroughly clean the surface which is preferably too be fully cured and free of release agents. Surfaces laitance and efflorescence. New concrete, acid etch with **Restore Brick Cleaner** diluted with 5 parts by volume of water. Rinse with freshwater until neutral or slightly alkaline to litmus. Allow to dry thoroughly.
- **Take Note:** Concrete must be at least one month old while bitumen surfaces preferably 3months old.

ACRYLIC FLOORPAINT

IMPA TENNIS COURT PAINT

ISSUED DATE: JUNE 2014 Rev 1

TECHNICAL DATA

<i>Product Code</i>	F1259
<i>Colour</i> <i>Appearance</i> <i>Shelf life</i> <i>Packaging</i> <i>Flashpoint</i>	Chrome Green, Tan & Dark Blue Matt 12 Months 5L & 20L Buckets or 200L Drums Non flammable
<i>Viscosity</i> <i>S.G (weight)</i> <i>Solids per volume</i> <i>Solids per mass</i> <i>Temperature Resistance</i> <i>VOC</i>	95-100 KU @23°C 1,23-1,26kg/L Approx. 32.70% Approx. 45.48 80°C 22 g/l
<i>Theoretical Spreading Rate</i>	2-4 m ² /L @ µm per coat (will vary depending on the type of surface. The rate can drop due to rough texture and high absorption surfaces
DRYING TIME <i>Touch dry time</i> <i>Recoating time</i> <i>Full cure</i>	 Less than 1 hour @ 23°C 4 hours 4-7 days
APPLICATION <i>Spray</i> <i>Roller & brush</i> <i>Coats</i>	 Airless spray recommended, for parameters see application method. Recommended 2 @ 200µm DFT per coat.
<i>Cleaning</i> <i>Mixing</i>	Water Stir until homogeneous

6. APPLICATION METHOD

- **Brushes:** Apply uniform, coat using high quality brushes in smaller areas
- **Rollers:** Apply uniform, coat using high quality rollers in smaller areas.
- **Airless spray:** at 145 PSI Min.
- Nozzle Orifice: 11 – 15Thou
- Pump Ratio: 30 – 1Min

NEW WORK

CEMENT

Wood floated cement ,Chemically etch **RESTORE BRICKCLEANER** diluted 1:10 with water or with pool acid diluted 1:20 with water until well etched and free of efflorescence, rinse thoroughly with water under pressure, allow drying. Apply a primer coat of **APPLY IMPA AQUA FLOOR PRIMER**. Allow 4 hours to cure.

N.B. Friable cement: Not recommended.

PREVIOUSLY PAINTED SURFACES

BAD CONDITION – CEMENT

To remove oil contamination washes the floor using **RESTORE HEAVY DUTY DEGREASER** by applying a liberal coat to the affected area. Allow to react for 5 – 10 minutes and wash with copious amounts of water. Repeat until water break-free surface is attained. Remove all flaking and chalking paint by high pressure water jet at 300kPa. Allow drying for up to a week at 25°C and 65% relative humidity and test for moisture to be in accordance with the above substrate conditions. Once moisture levels are below 7% then, apply a full coat of **IMPA TENNIS COURT PAINT** as supplied. (For friable/chalky surfaces **APPLY IMPA AQUA FLOOR PRIMER**). Allow 4 hours to cure.

N.B. Friable cement: Not recommended.

GOOD CONDITION

Surfaces in good sound condition should be high pressure washed at 180kPa after applying **RESTORE HEAVY DUTY DEGREASER** before applying **IMPA TENNIS COURT PAINT** directly.

FINAL COAT

Apply two coats **IMPA TENNIS COURT PAINT** allowing 4 hours drying time between coats.

IMPORTANT:

*Allow to cure for at least 12 hours before exposing to light traffic. Full cure should be reached. **Full cure should be reached after 5 days at 23°C and 65% relative humidity.***

7. PRECAUTIONS

- **Do Not** apply the product at surface temperatures below 6°C (minimum of 2°C above dew point) and temperatures above 40°C
- **Do Not** apply if ambient temperature is less than 10°C or more than 40°C.
- **Do Not** apply if relative humidity temperature is less than 10°C or more than 85. °C
- Pay attention to the preparation of surfaces.
- Store away from direct sunlight, severe cold or heat
- Small test areas should always be coated for suitability prior to full application
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth
- Thinning not recommended.

Environmental Health & Safety Information

WARNING! IRRITANT! HARMFUL IF SWALLOWED. CONTAINS: PROPYLENE OR ETHYLENE GLYCOL. MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. USE ONLY WITH ADEQUATE VENTILATION. To avoid breathing vapours and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use. **FIRST AID:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

CAUTION: KEEP OUT OF REACH OF CHILDREN AND ANIMALS - DO NOT TAKE INTERNALLY.

Refer to Material Safety Data Sheet for additional health and safety information.

IN CASE OF FIRE: Use foam, CO₂, dry chemical, or water fog.

SPILL – Absorb with inert material and dispose of as specified under **Thinning/Clean-up.**

† WARNING! If you scrape, sand or remove old paint, you may release lead dust.

DISCLAIMER

The technical information contained in this document are given in good faith and are meant to be used as a guideline by the specifier or user. Whilst we are confident about the quality of our products, we cannot accept any liability for the incorrect use or application of our products. Surface preparation forms an integral part of the scope of works and it is expected that the highest standards are maintained during surface preparation and application, to ensure that our products perform as intended. Always ensure to use the same product batch numbers, refrain from doing spot touch-ups and paint surfaces from corner to corner to prevent colour and sheen variance. As technology may change over time we reserve the right to change products to keep up with changes in raw materials or product trends without pre notice. Although we will always prevail to keep clients informed about changes to be made, but cannot bind ourselves to such notes Please ensure the use of the latest Technical Data Sheet.

Please note : that all our latest Product Data Sheets and Material Safety Data Sheets are available for viewing on our website at www.impa.co.za. All information listed is owned or used under licence of Impa Paints and its related companies. © 2010 Lurama 149 (Pty) Ltd. All rights is reserved.