

# Hawker® H-401 Light Green

## Technical Data Sheet

Edition 10/10/2012

Identification No:

1 268 12

Hawker Tennis Courts Paint  
for Concrete & Asphalt substrates



## DESCRIPTION:

**Hawker®** is a 100% acrylic coating, highly pigmented to provide a colorful, long lasting finish on tennis courts

and other types of recreational areas. **Hawker®** is used on hot mix asphalt, asphalt emulsion surfaces and concrete tennis courts, and it is used on light-traffic areas, such as walkways, medians and berms, as an attractive weather-resistant coating.

**Hawker®** protects asphalt from deteriorating effects of the sun and makes black surfaces 10° - 15° F cooler

## TYPICAL PHYSICAL PROPERTIES\*:

	Test	Result
Pigment	AS TM D-3359	5
Color Pigments:	Chromium oxide, iron oxide toners	16,88
Percent of Acrylic		37,68
Percent of Solid		58,68
Density Weight per liter		1,10
Viscosity	Brookfield HAT, Spindle T-C, 5RPM, 72°F, 280.000 CPS	

## FEATURES & BENEFITS:

- Long working time of 15 days and quickly dry to touch
- Can be apply by roller, brush, squeegee,
- Easy to use
- Can be applied over damp surfaces
- Economical coating
- Light odor system

## CHEMICAL PROPERTIES\*:

	Result
Specific Weight, kg/liter	1,2 : 1,3
Mixed Viscosity, cps	2400 - 2900
Solids by Volume	51.7%
Volatile Organic Compounds **	0.63 lb/gal (75 g/l)
Fresh water Mix Ratio by Volume	30-35% by volume
Recoat, min / max	3 - 5 hrs / 18 - 24 hrs
Full Cure	1 days
Odor	mild
Color	6 standard colors. Light Green, Donna Red, Sky Blue, Hue Violet, Grey, Dark Green
Shelf Life - Unopened Containers	12 months

**MOISTURE VAPOR TESTING:** All concrete floors not poured over a proper moisture barrier, are subject to possible moisture vapor transmission or hydrostatic pressure problems which can cause a coating system to blis.

**SURFACE PREPARATION:** The surface must be clean and sound, free from oil, dirt, waxes and any other contaminants that may interfere with bonding. Some surface preparation methods include shot-blasting and scrubbing with detergent or acid washing neutralizing and rinsing. Existing coating materials should be removed, or if in good condition sanded with 80 - 100 grit sandpaper, to lightly scratch and dull the surface. Going over existing coatings is up to the discretion of the applicator. It is not recommended to apply over concrete with curing or sealing membranes.

**MIXING INSTRUCTIONS:** The mixing ratio of **Hawker® H-401** to fresh water varies mix available to the texture and finish speed of play.

For primer or middle coat:	<b>Hawker® H-401</b>	40 liter
	Sand(60-90 mesh)	40-45 kg
	Fresh water	40 liter
For top coat, finished coat:	<b>Hawker® H-401</b>	40 liter
	Sand(90 mesh)	2-3 kg
	Fresh water	40 liter

## DRYING TIME:

- Approximately 3-4 hours for each coat.
- Ready to play within 24 hours

## COVERAGE:

• <b>Hawker® H-401</b> Finished:	0,30 - 0,25 kg/m <sup>2</sup>
• <b>Hawker® H-401</b> First coat:	0,60 - 0,50 kg/m <sup>2</sup>
Second coat:	0,45 - 0,40 kg/m <sup>2</sup>

## APPLICATION INSTRUCTIONS:

**Hawker® H-401** can be applied by roller, brush or squeegee. When using a squeegee it is best to follow immediately behind with a 1/4' - 3/8' nap paint roller to even out any squeegee marks. Keep a wet edge and do not roll into an area once has begun to set up to avoid color differences. Apply thin to achieve a coverage rate of approximately 0,30 - 0,25 kg/m<sup>2</sup>. Allow to dry 3 - 4 hours before applying a second coat. The second coat should be undiluted to achieve the best results.

**Hawker® H-401** may also be applied with airless spray equipment. When spraying, mask off walls and surrounding area with plastic to avoid over spray. Have adequate ventilation and wear the proper respirator.

## NOT RECOMMENDED FOR:

- Do not apply to concrete less than 10 days old.
- Do not apply to concrete with curing or sealing membrane.
- Do not apply to base concrete at a temperature less than 10°C.
- Surface should not be powdery, cracked or deteriorated.
- Do not use on parking lots, and areas subject to severe usage or abrasion.
- Do not apply when rain of high humidity is imminent.
- Do not apply if surface temperature is in excess of 60°C.
- Keep from freezing. Do not store in the hot sun.
- Keep containers tightly closed when not in use.
- The **Hawker®** system will not prevent pavement cracks from occurring.

**COLOR OPTIONS:** 6 standard colors: Light Green, Donna Red, Concrete Gray, Dark Gray, Dark Green, Sky Blue. Limited custom colors are available by special order.

**HOW SUPPLIED:** **Hawker® H-401** coating is available in 30 gallon drum.

## SAFETY PRECAUTIONS: Health Considerations: Consult the Material Safety Data Sheets

This chemical system requires the use of proper safety equipment and procedures. Please follow the MSDS and Safety Manual for detailed information and handling guidelines.

**For Your Protection:** The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning the products and their uses, applications, storage and handling are only the opinion of

**Hawker® H-401.** Users should conduct their own tests to determine the suitability of these products for their own particular purposes and of the storage and handling methods herein suggested. The toxicity and risk characteristics of products made by **Hawker®** will necessarily differ from the toxicity and risk characteristics developed when such products are used with other materials during a manufacturing process. The resulting risk characteristics should be determined and made known to ultimate end-users and processors.

Because of numerous factors affecting results, **Hawker®** makes no warranty of any kind, express or implied, other than that the material conforms to its applicable current Standard Specifications. **Hawker®** hereby disclaims any and all other warranties, including but not limited to those of merchantability or fitness for a particular purpose. No statements made herein may be construed as a representation or warranty. The liability of **Hawker®** for any claims arising from or sounding in breach of warranty, negligence, strict liability, or otherwise shall be limited to the purchase price of the material.

**Hawker® H-401**

QUI TENNIS SAIGON 10/10/2012