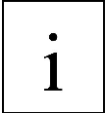


Always use correct Personal Protective Equipment

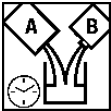
TINTED HYPERSHIELD

Description



A unique, highly flexible, single pack Coloured Acrylic-Urethane coating for transport vinyl curtaining and other flexible plastics. Tinted Hypershield cures to hard yet flexible finish which is easy to clean and has excellent chemical and UV resistance.

Products



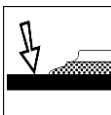
Product Type: Moisture cure Acrylic/Urethane
Colour: 14 High Strength Tinters enabling most solid colour offerings within the colour spectrum. Colour Fan deck available on request.
Pot Life: Up to 2 hours, Relative humidity not exceed 50-80%
Induction Time: N/A
Recommended DFT: 20-25 microns per coat
Theoretical Coverage: 8-10 m²/L @ 25 microns DFT

Properties



VOC: 473 g/L
Volume Solids: 46% approx. unthinned
Recoat-ability: Up to 1hr
Dry Time @ 20°C: **(depending of relative humidity of the atmosphere):**
 Dust free: 30 minutes
 Touch Dry: 1.5 hours

Substrates



Tinted Hypershield has been successfully used on vinyl curtain siding and in a variety of signage applications.

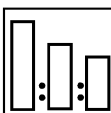
- as a coloured coating on plain unpainted vinyl curtains
- to repaint / restore second hand vinyl curtains
- inflatable boats
- other flexible plastic substrates **(always test substrate first before full application)**

Surface Preparation



Thoroughly clean new curtain side vinyl (see Special Notes) with RALI C-Power (diluted 1 part C Power: 2 parts clean water).
 Rinse thoroughly with clean water and allow to dry. Degrease using RALI Wax & Grease Remover followed by IPA working in small areas using wipe on wipe off method and changing cloths frequently to avoid contamination

Directions For Use

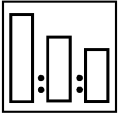


Mixing Ratio: 1 part Tinted Hypershield (with additional 2% by weight) of RALI Additive AM606 as per formula
Thinning: Up to 1 part Hypershield Reducer
 Viscosity: DIN 4 = 18-20 sec/25°C

No warranty either expressed or implied is made by RALI in this document, which is a technical data information sheet. The description of the product and its properties is for the sole purpose of identifying the product and does not constitute a warranty that the product or its properties shall conform to that description, nor is the description of the product and its properties a warranty by RALI that the goods are suitable for a particular purpose. Do not apply paint if relative humidity is above 85% or temperature is within 3 deg C of Dew Point being the MPT or Minimum Paint Temperature.

Always use correct Personal Protective Equipment

Directions For Use (cont)



Application Method:

Filter strain thinned product before application. Apply one medium coat followed by one full coat after 10 –15 minutes flash time. Always check test area for drying, appearance, adhesion and flexibility before full application.

INCORPORATION OF HIGH STRENGTH TINTERS INTO CLEAR HYPERSHIELD

With mixed colour used from High Strength Tinters use the following guidelines

- Clear Hypershield = 1000 grams
- High Strength Tinted Colour = 250 grams
- RALI Additive AM606 = 20 grams

Special Notes:

Tinters must be mixed with high speed disperser ie. hand blender or similar, for 5 min to ensure even mixing of all product

Tinted Hypershield must applied within 1-2 hours of mixing of product

Tinted Hypershield should not be applied when ambient temperature is less than 10°C, or when temperature is likely to fall to less than 10°C for more than two hours within the first twelve hours after painting.

Low temperatures will adversely affect drying time. When cold conditions are prevalent or expected, Tinted Hypershield must be kept at a minimum of 10°C for at least eight hours after application to ensure correct drying.

Second hand curtain side vinyl should be cleaned using RALI Break (Industrial Cleaner) 1 part Break to 2 parts water. Starting at the top of the curtain / scrub curtain with Break solution not allowing it to dry; rinse off with plenty of clean water and then allow to dry.

Degrease using RALI Wax & Grease Remover followed by IPA working in small areas using wipe on wipe off method and changing cloths frequently to avoid contamination. Repeat this process with IPA also using the wipe on wipe off method. If Tinted Hypershield is to be used to coat vinyl transport curtains a special disclaimer is required. This is to ensure that specific preparation and application requirements are met before we can endorse the applicator. Please contact RALI Head Office and ask for Applications Chemist.

Spray Equipment:



Compliant / Conventional suction and gravity feed guns.

Tip Size: 1.5 - 2 mm

Spray pressure: 275-380 kPa (40-55 psi)

Number of coats: 2 coats (5-10 minutes flash between coats)

Air less / Air assisted airless & electrostatic follow equipment manufactures recommendations.

Remarks: Do not use this product beyond pot life time or by reducing it further to get the viscosity down again. This procedure results in poor flow and adhesion failures.

Large surface areas in conjunction with temperatures +20°C it is highly recommended to use Slow Reducer. Plan the job required and seek advice if unsure.

No warranty either expressed or implied is made by RALI in this document, which is a technical data information sheet. The description of the product and its properties is for the sole purpose of identifying the product and does not constitute a warranty that the product or its properties shall conform to that description, nor is the description of the product and its properties a warranty by RALI that the goods are suitable for a particular purpose. Do not apply paint if relative humidity is above 85% or temperature is within 3 deg C of Dew Point being the MPT or Minimum Paint Temperature.

Always use correct Personal Protective Equipment**Health & Safety**

For detailed information refer to Safety Data Sheet (SDS). Mixed product contains isocyanates; splashes to eyes will cause irritation. Contact with skin may cause irritation and inhalation of vapours or dust from sanding may cause respiratory sensitisation. Applicators must wear protective clothing and suitable respiratory equipment. Product is flammable, use and store away from heat and ignition sources.

Transport & Storage

| | |
|-------------------------|-----------------|
| Sizes: | 1L, 4L, 20L |
| Dangerous Goods: | 3a/6.1b |
| UN: | 1263 |
| Hazchem: | 3[Y]E |
| Packing Group: | II |
| Shipment name: | PAINT Flammable |
| Flash point: | 4°C |

No warranty either expressed or implied is made by RALI in this document, which is a technical data information sheet. The description of the product and its properties is for the sole purpose of identifying the product and does not constitute a warranty that the product or its properties shall conform to that description, nor is the description of the product and its properties a warranty by RALI that the goods are suitable for a particular purpose. Do not apply paint if relative humidity is above 85% or temperature is within 3 deg C of Dew Point being the MPT or Minimum Paint Temperature.