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## What is Ready to Use High Traffic: Deck & Ramps?

It is a PMMA rapid curing waterproof system especially designed for high traffic flat or inclined areas. Ready to Use High Traffic saves you time and labour costs whilst delivering an extremely hard wearing, fast curing, Powered by advanced methyl methacrylate (MMA) technology, it offers outstanding UV protection and long-lasting mechanical strength where you need it most.

## Why choose Ready to Use High Traffic: Deck & Ramps

- ✓ Initial cure in under 1 hour
- ✓ Whole system can be applied in one day
- ✓ Ideal for repairs and detail work to Asphalt, Single Ply Membranes, Timber & Concrete
- ✓ Suitable for application over many existing coatings
- ✓ Suitable for disabled access ramps
- ✓ Ideal for newbuild or refurbishment as well as localised fast cure repairs
- ✓ Decks, balconies and walkways can be trafficked the same day
- ✓ Primer not required on asphalt surfaces
- ✓ Non-slip system available in selected colours on request

✓ Up to 10 Year Warranty

✓ **Available with Warranty:**  
Alltimes Ready To Use Systems are available with up to 20 year guarantees depending on the systems chosen

✓ **Wide Application Temp:**  
Apply in temperatures of 0°C to +35°C (accelerator required below +5°C)

✓ **Fast Application:**  
Due to speed of cure and low application temperatures, your deck, walkway or roof is back into service within 1 hour of the final layer of RTU

## In Liquid Form

Feature:	Result:	
Pot Life after adding Catalyst/Hardener	5°C = 17 - 35 Minutes	30°C = 8 - 11 Minutes
Curing Times:	5°C = 25 - 45 Minutes	30°C = 10 - 20 Minutes
Full Traffic Time:	1 Hour (after final layer of RTU)	
Flash Point:	10°C (DIN 51755)	
Auto Ignition Temperature:	430°C (DIN 51794)	
Density:	1gm/l	
Vapour Density:	>1	
Application Temperature without Accelerator:	5°C to 35°C	
Application Temperature with Accelerator:	0°C to 5°C	
Storage Temperature:	20°C to 25°C	
Substrate Temperature:	Minimum 3°C (above dew point)	

## In Cured Form

Feature:	Result:
Overcoatable:	With Itself
UV Resistant:	Excellent
Elongation at Break:	250%
Service Temperature:	-30°C to 60°C
Adhesion to Asphalt:	3.5MPa Substrate Failure

## General Information

Feature:	Result:
Colours for RTU High Traffic:	Black, Light Grey and Dark Grey
Colour for RTU Clear Seal & Primers:	Clear
Form:	Viscose coloured liquid
Shelf Life at Optimum Conditions:	6 months between 20°C to 25°C
Coverage:	Will vary according to substrate
Application RTU High Traffic - Deck:	Trowel, Toothed Squeegee rake or roller
Application RTU High Traffic - Ramp:	Trowel, Flat Bladed Squeegee
Application RTU Primers:	Short pile solvent resistant roller
Storage of BPO Catalysts:	Store as far from resins as possible
Storage of Resin:	Do not store in sunlight or at below 15°C for a long period
Compression Strength of Substrate:	Must be above 22.5 N/mm <sup>2</sup>
Chemical Resistance:	Excellent resistance to dilute acids, alkalis and many other chemicals
Colours of Aggregate Available:	Grey, Red and Black (other colours on request)
Tool Cleaning:	Use Alltimes RTU Tool Cleaner
Solvented Thinners:	Do not allow to come into contact with uncured RTU

- An adhesion test is always recommended prior to quoting; however, it is essential for applying onto asphalt. Please contact Alltimes Coatings technical department for information on how to carry out the test
- It is recommended to install complete sections at a time
- Bituminous floors and coatings with a high tar content are unsuitable for coatings with PMMA RTU systems. This excludes mastic asphalt which is generally suitable, although bond tests should be undertaken to confirm
- Aggressive mechanical preparation of the substrate must be avoided ie: scabbling and aggressive diamond grinding
- Storage outside temperatures of 20°C to 25°C may affect pot life
- Do not allow solvented thinners to come into contact with uncured RTU
- Remove excess thinners from tools before starting application

### Coverage

	RTU Primer (If Required):	0.7-1.2mm Quartz in Primer	RTU Deck:	RTU Deck Extra Coat:	RTU Ramp:	Aggregate:
Flat Deck Unsealed 10 Year Warranty:	Minimum 300gms/ 370ml	1.0kg sqm	3-3.5kg	n/a	n/a	2-3mm @4-5kg
Flat Deck Sealed 10 Year Warranty:			3kg	1kg	n/a	2-3mm @4-5kg
Ramps with up to 6° Incline 10 Year Warranty:			n/a	n/a	3-3.5kg	2-3mm @4-5kg

NOTE: Material consumption rates will vary depending on the texture of the substrate (especially on asphalt)

## Application Procedure for Flat Decks

### Gridding & Measuring - How Much System Do I Need?

- Thorough preparation at this stage will ensure proper primer and coating coverage
- Use accurate measurements of the area to be coated along with the primer and coating coverage rate required to calculate how many tins you need

### Adhesion Test

- Complete adhesion tests to ensure substrate readiness and suitability

### Preparation & Cleaning

- Remove all loose matter including moss, lichen or debris. Some previous coatings may need to be removed. Please check with our technical department for more information
- The substrate should be clean and dry and free from any contamination. Any oil, grease or dirt should be removed by de-greasing and scrubbing. Use mechanical preparation as required

### Prime

- Use the correct RTU Primer for the substrate. RTU General Purpose for Concrete, RTU Metal Primer for metal substrates and RTU Single Ply Primer for single ply substrates. Asphalt does not usually require priming
- Mix Alltimes RTU BPO Catalyst into the primer in the required quantities for installation temperature
- If required apply primer at 0.3kg per square metre (3 sqm per kilo) minimum with a short pile solvent resistant roller
- Lightly broadcast with 0.7-1.2mm quartz at 1.0kg per square metre to aid adhesion
- Allow to cure for the minimum times as in the table on back page

## Components for Flat Decks

- RTU High Traffic - Deck:  
5kg, 10kg & 25kg Tins
- RTU High Traffic - Ramp:  
5kg, 10kg & 25kg Tins
- RTU General Purpose Primer:  
2kg & 5kg Tins
- RTU Metal Primer:  
2kg & 5kg Tins
- RTU Single Ply Primer:  
2kg & 5kg Tins
- RTU BPO Catalyst:  
100gsm bags
- 1.2mm Aggregate: 25kg
- RTU Tool Cleaner: 5l & 25l Tubs

## Application Procedure for Flat Decks (Cont'd.)

### Application without Extra Coat seal

- Apply Alltimes RTU High Traffic – Deck at approx. 3-3.5kg per square metre depending on substrate type and texture. Add the correct amount of RTU BPO Catalyst for the installation temperature (see table on back page)
- Pour the mixture onto the substrate and spread with a trowel, toothed squeegee, rake or roller to achieve a consistent and even coverage
- Fully broadcast 2-3mm minimum size aggregate at a rate of 4-5kg per square metre. Coloured aggregate is available, please contact us for colours available
- Allow to cure, then sweep off any excess aggregate



### Application of an Extra Coat

- Apply Alltimes RTU High Traffic – Deck at approx. 3kg per square metre depending on substrate type and texture. Add the correct amount of RTU BPO Catalyst for the installation temperature (see table on back page)
- Pour the mixture onto the substrate and spread with a trowel, toothed squeegee, rake or short pile roller to achieve a consistent and even coverage
- Fully broadcast 2-3mm minimum size aggregate at a rate of 4-5kg per square metre. Coloured aggregate is available on request
- Allow to cure, then sweep off any excess aggregate
- Apply one coat of Alltimes RTU High Traffic – Deck at approx. 1kg per square metre



## Application Procedure for Ramps with (1° - 6°) Incline

### Gridding & Measuring - How Much System Do I Need?

- Thorough preparation at this stage will ensure proper primer and coating coverage
- Use accurate measurements of the area to be coated along with the primer and coating coverage rate required to calculate how many tins you need

### Adhesion Test

- Complete adhesion tests to ensure substrate readiness and suitability

### Preparation & Cleaning

- Remove all loose matter including moss, lichen or debris. Some previous coatings may need to be removed. Please check with our technical department for more information
- The substrate should be clean and dry and free from any contamination. Any oil, grease or dirt should be removed by de-greasing and scrubbing. Use mechanical preparation as required

### Prime

- Use the correct RTU Primer for the substrate. RTU General Purpose for Concrete, RTU Metal Primer for metal substrates and RTU Single Ply Primer for single ply substrates. Asphalt does not usually require priming
- Mix Alltimes RTU BPO Catalyst into the primer in the required quantities for installation temperature
- If required apply primer at 300gms/370ml per square metre minimum with a short pile solvent resistant roller
- Allow to cure for the minimum times as in the table on back page

### Application

- Apply Alltimes RTU High Traffic – Ramp at approx. 3-3.5kg per square metre depending on substrate type and texture
- Add the correct amount of RTU BPO Catalyst for the installation temperature (see table on back page) and mix thoroughly
- Pour the mixture onto the substrate and spread with a trowel, short pole solvent resistant or flat bladed squeegee, to achieve a consistent and even coverage
- Fully broadcast with hard angular 2-3mm minimum size aggregate at a rate of approx. 5kg per square metre
- Using a dry roller, roll the surface to insure aggregate is fully adhered to the resin
- Allow to fully cure, then sweep off any excess aggregate

## Components for Ramps

- RTU High Traffic - Deck: 5kg, 10kg & 25kg Tins
- RTU High Traffic - Ramp: 5kg, 10kg & 25kg Tins
- RTU General Purpose Primer: 2kg & 5kg Tins
- RTU Metal Primer: 2kg & 5kg Tins
- RTU Single Ply Primer: 2kg & 5kg Tins
- RTU BPO Catalyst: 100gsm bags
- 1.2mm Aggregate: 25kg
- RTU Tool Cleaner: 5l & 25l Tubs



## BPO Catalyst & Accelerator Ratios

	Ground Temp 0-10°C			Ground Temp 10-20°C			Ground Temp 20-30°C		
	5kg	10kg	25kg	5kg	10kg	25kg	5kg	10kg	25kg
RTU High Traffic:	250g	500g	1250g	200g	400g	1000g	150g	300g	750g
RTU General Purpose Primers:	2kg	5kg	25kg	2kg	5kg	25kg	2kg	5kg	25kg

## Curing Times

	Ground Temp 0-10°C			Ground Temp 10-20°C			Ground Temp 20-30°C		
	Pot Life	Hardening	Minimum Overcoat	Pot Life	Hardening	Minimum Overcoat	Pot Life	Hardening	Minimum Overcoat
RTU High Traffic:	35min	45min	30min	20min	25min	30min	10min	15min	25min
RTU General Purpose Primers:	17min	25min	45min	17min	40min	40min	14min	40min	30min