



***Natech***  
***WS3***

## *Natech Wheel Stripping Products*

Natech have wheel stripping products currently in use across the UK and Europe.

These products do not contain hazardous chemicals such as methylene chloride. They are safer to use than cold acid stripping products



***Natech WS3***

## *Introducing Natech WS3 Wheel Stripper*

The performance of WS3 surpasses any non methylene chloride based wheel stripping product currently on the market (including Natech's existing products.)

If the tank is correctly maintained strip times remain consistent and reliable, with many OEM brands stripping in as little as 45 minutes.

***Natech WS3***

## *Strip times*

WS3 strip times are dependant on a number of factors;

- Coating type
- Coating thickness
- OEM brand
- Tank temperature
- Tank maintenance

Many OEM brands will fully strip within 45 minutes.

The strip time is usually limited by internal process cycles.

***Natech WS3***

## *Natech WS3 Process*

Optimum conditions for WS3

- Tank temperature should be maintained between 80 – 85°C
- Stripped paint sludge should be removed **daily**
- A 1 Litre top up of booster should be added **daily** for a 1000 Litre tank
- Tank level should be maintained with additions of WS3 product

***Natech WS3***

## *Natech WS3 Requirements*

- Tanks must be manufactured from 304 stainless
- A method for the **daily** removal of paint sludge must be established
- A thermostatically controlled heating system must be in place
- Tanks should be lidded and lagged to prevent evaporation and heat loss

## *Paint Sludge Removal*

Whatever paint removal system is used, stripped paint sludge will always be a by-product of the process.

For WS3 to give consistently fast strip times, paint sludge must be removed **daily**

A **daily** addition of chemical booster must also be added. For a 1000L tank this is usually 1 litre per day.

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## *Paint Sludge Removal in Small Tanks*

It is essential that the sides and base of the tank should be scraped with a perforated shovel and the sludge removed to a filtration bucket at least once per day.

The supernatant liquid from the filtration bucket can be added back to the tank.



## *Paint Sludge Removal in Small Tanks*

Wet paint sludge should be placed into a filtration bucket. The supernatant can be recovered for return to the tank and the paint sludge removed for disposal.



Home brew grain baskets are ideal for this use.

## *For Larger Systems (Tanks Greater than 1000L)*

It is not practical to manually remove paint sludge from tanks greater than 1000L. In this case a tank fitted with a filtration system is advised.



Tanks supplied by RS Pro Finishes are suitable for this.

# ***Natech WS3***

## *Features and Benefits of WS3*

- WS3 is a waterless system so there are no significant losses through product evaporation
- Tanks remain balanced as long as paint sludge is removed and booster is added daily
- Strip times are consistent so same day service can be confidently offered
- Fast strip times are achieved which allows 4 wheel set changes per typical day (5 if an overnight strip is included)
- If properly maintained WS3 life span is unlimited

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## *WS3 Limitations*

- WS3 is not suitable for Magnesium alloy wheels.
- Steel and Aluminium wheels must not be stripped at the same time
- Wheels must not be washed over the tank
- Water must not be introduced to the tank
- Strip times may be limited by internal processing factors.

### *WS3 Summary*

- If WS3 tanks are properly maintained strip times of 45 minutes for an OEM alloy wheel are achievable
- Daily removal of paint sludge is essential
- Strip times are often only limited by internal process factors
- A daily top up of chemical booster is required
- If properly maintained strip times are consistent
- If properly maintained the tank life span is unlimited

***Natech WS3***