

Technical Information Sheet

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Knowledge: Activatorss and Reducers Selection Guide

TI - G - 10 / UK

Selection of Activator/Reducer

The choice of the Activator and Reducer depends on several factors.

- > The size and the shape of the object
- > The ambient temperature

Date of issue: 01/2025 - Version: 1.0

- > Type of spray gun/device and applicator preference
- Required dry time / turnaround time

Reducer overview:

0°C	10°C	20°C	30°C	40°C
Not recommended	RS603 Fast	RS605 Standard	RS607 Slow	RS609 Ultra Slow
Activator overview:				
0°C	10°C	20°C	30°C	40°C
Not recommended	AU576 Fast AU500 All are	AU575 Stand	ard	AU574 Slow

To achieve consistent and optimum results, always follow the Technical Data Sheet (TDS) and apply the Recommended layer thickness.

The ambient temperature varies across each geographical region and change in season also causes significant fluctuations in ambient temperature. Utilizing the correct reducer and activator combination provides you with the flexibility in application speed and dry time to match the ambient conditions and job size.

The ideal painting conditions are 20-25°C. Outside of this range the experienced painter utilizes a different combination of activator and reducer to maintain quality of finish and application speed as detailed below.

It is recommended to align the temperature of the object and paint with the spray booth.

If the object or paint is at lower temperature than the spray booth, it could condensation on the paint job impacting on the quality of the finish.

If paint is stored in cold areas, it is recommended to warm it to room temperature for several hours before use.

For smaller parts and in colder climates use AU577 Activator Extra Fast in combination with RS603 Universal Reducer Fast. For even faster drying times AA600 Accelerator can be added following the advice provided in the TDS of the topcoat.

For larger objects and in hotter climates, use AU574 Activator Slow in combination with RS607 Universal Reducer Slow or RS609 Universal Reducer Ultra Slow.

Following this recommendation will ensure for the overspray to melt in and provide excellent levelling and gloss.