



TDS

TECHNICAL DATA SHEET

V4.0 – 28-03-2024 - CC

PWP 05T & PWP 05W – Powerpeel peelable spraybooth protection

Description

Powerpeel is a peelable spraybooth protection coating which is being used as a protective layer for your spraybooth walls, protecting them against contamination. Powerpeel can be applied in 1 closed layer. Easy to remove, even after a single layer application.

Characteristics:

- Waterbased peelable coating to protect spraybooth walls.
- Siliocone-free
- After curing powerpeel is water resistant
- After curing the film becomes highly flexible making it easy to remove even after a single layer application. Minimum peelable dry layer thickness is 60µm (approx. 125µm wet film thickness)
- When needed it can be overpainted up to 7 times.
- Powerpeel is tested up to 6 months peelable quality.
- Available in white for spraybooth walls & transparent for light fixtures and windows.
- Heat resistant up to 120°C.
- Viscosity :
 - PWP 05W – 2800 cps
 - PWP 05T – 2500 cps
- Volume solids :
 - PWP 05W – 406gr / liter
 - PWP 05T – 372gr / liter
- Curing time :
 - 20°C, 40-80min, depending on layer thickness and airflow
 - 60°C, 15min

Application:

Product should be applied at an average room temperature of 18-23°C

Powerpeel can be applied by:

- 1) Paint roller.
- 2) SPG500 spray gun, with 2.5mm nozzle, at 2.5 – 3.0 bar.
- 3) SPG80 pressure tank, with 2.5mm – 3.0mm nozzle, 3.0 bar at pressure tank.
- 4) Airless system, 0.017" spray opening.

When used with SPG 80 pressure tank, the 5L canister fits in perfectly in the tank for faster setup and easy cleaning of the equipment.

Product is ready to be used, never dilute as it will have a negative effect on the performance of the product.

Spray booth application:

1. Apply white powerpeel all over the spraybooth.
2. Wait till dry, drying time at 20°C 40-80 min, depending on layer thickness and airflow.
3. Cut out the silhouette of the light fixtures or windows and remove the white film.
4. Apply transparent powerpeel to the light fixture and windows.
5. Wait till dry, drying time at 20°C 40-80 min, depending on layer thickness and airflow.
6. Ready to paint.

In need of extra protection with tacky coating:

1. Apply white powerpeel all over the spraybooth
2. Wait till dry
3. Apply 2nd layer white powerpeel all over the spraybooth
4. Cut out the silhouette of the light fixtures or windows and remove the white film
5. Apply transparent powerpeel to the light fixture and windows.
6. Wait till dry.
7. Apply a 2nd layer transparent powerpeel to the light fixture and windows.
8. Wait till dry.
9. Apply the full layer Finixa CBP over the pre-treated spraybooth.

Packing:

Available in 5L canister.

Storage and shelf life:

Store at average room temperature (15-20°C).

Prevent from freezing.

Shelf life of 18 months.

This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for our own experimentation. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes.

This information may be subject to revision as new knowledge and experience becomes available.

Since we cannot anticipate all variations in actual end-use conditions, Chemicar make no warranties and assume no liability in connection with any use of this information.