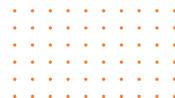




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Aluminum Surface Treatment



PRE-TREATMENT

Industrial processes for aluminum pretreatment before painting

Industrial processes for aluminum pretreatment before painting							
Full process 7 stages 	Alkaline degreasing In tap water  SACHE AST 02 10-20 g/L DNAD NOF 4-6 g/L 40-50 °C	Rinse #1 Tap water 	Rinse #2 Tap water 	Acid pickling In tap water  DBT ALU X2 10-30 g/L DAC 200 1-2 g/L 40-50 °C	Rinse #3 Tap water 	Rinse #4 Demi water 	PRONORTEC AL-02 Demi water  Room temperature
Acid process 6 stages 	Acid degreasing In tap water  DBT ALU X2 10-30 g/L DAC 200 4-6 g/L 40-50 °C	Acid pickling In tap water  DBT ALU X2 10-30 g/L 40-50 °C	Rinse #1 Tap water 	Rinse #2 Tap water 	Rinse #3 Demi water 	PRONORTEC AL-02 Demi water  Room temperature	-----
Acid process 5 stages 	Acid degreasing and pickling In tap water 	Rinse #1 Tap water 	Rinse #2 Tap water 	Rinse #3 Demi water 	PRONORTEC AL-02 Demi water  Room temperature	-----	-----
Acid process 3 stages (not Qualicoat certifiable)	Acid degreasing and pickling In tap water 	Rinse #1 Tap water 	Rinse #2 Tap water or demi water 	-----	-----	-----	-----

PRE-TREATMENT

Key points

- **Reverse cascade** between the tanks helps preserve the quality of the rinses
- Proper rinsing management is essential to guarantee long bath lifetime and stable coating performance
- **Prevent contamination** of the PRONORTEC tanks from the previous stages
- **Demineralized water** (or **reverse osmosis water**) must be used for the final rinse before the PRONORTEC stage and for the PRONORTEC tank itself.
- The proposed processes can be applied either by dip or by spray application.



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THANK YOU



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