



## Description of using Powder Paint Remover No. 860 to clean

*(The text is an interpretation of video material)*

Once in my career, I faced with a need to apply a powder painting method to aluminum alloy parts. The customer set extremely strict requirements for appearance and thickness of coating. As a result, about a quarter of parts were discarded by the Quality Control Department. The price of parts is several times higher than the price of painting, so the question of powder coating removal came up.

Another problem was that the parts were coated with anox, anodic oxidation over aluminum and aluminum-based alloys which ensures protection against corrosion. Such a coating also provides excellent adhesion for paintwork materials, including powder paints. Moreover, anodizing during galvanic treatment may also be accompanied with painting to give the parts a decorative touch.

Our chemical laboratory tried to make a cleaner, however, anox effect and dimensions were changed, i.e. a part was damaged. The owner of the painting company advised us to use acetone. However, acetone did not give the desired effect: paint actually blistered in 5 days, but it required additional mechanical stimulation. So I turned to the Internet.

Old Paint Remover No.860 manufactured by Mendeleev Ltd. in Saint Petersburg was the most mentioned. I read several feedbacks, there were both positive and negative ones. I took two parts (initially defective), removed anox from the external side with a cutter and painted the both parts completely.

I used INVER paint (made in Italy) for the first part and PRIMATEK (Austria-Russia) – for the second one. Both paints were matt black, color grade according to RAL – 9005. Coating thickness: 0.4 – 0.5 (mm).

Having bought a tester (0.5 l) of Old Paint Remover No. 860 from Mendeleev Ltd., I started a trial. For the illustration purposes, I dipped only half parts into the remover. You can see the complete testing procedure in the attached video. The process starts between the 5th and 7th minute, becomes intensive during the 12th minute and finishes by the 28th – 30rd minute. The result exceeded all my expectations. Powder (powder paint) was removed from both anox and bare metal. Neither anox nor aluminum alloy were damaged, all dimensions remained unchanged and the part was ready for the second painting. The odor is specific but not sharp or bad-smelling. I recommend Old Paint Remover No. 860 to everyone.

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