

3DLPrinter

3DLPrinter-HD

3DLPrinter-HD 2.0

3DLPrinter-HD 2.0+



Technical Note 11/16

**Advices for a correct cleaning
of the Resin Vat and the Construction Base**

Introduction

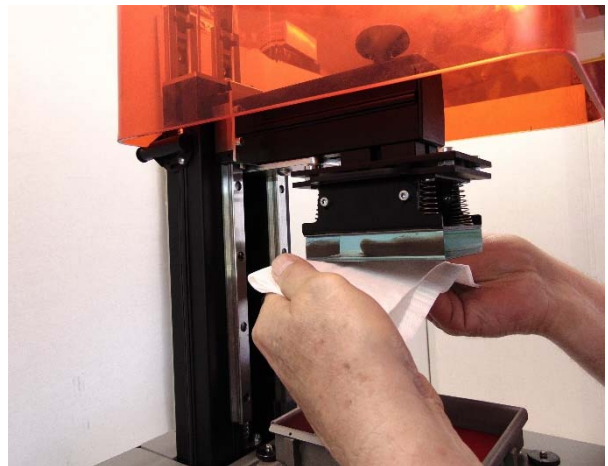
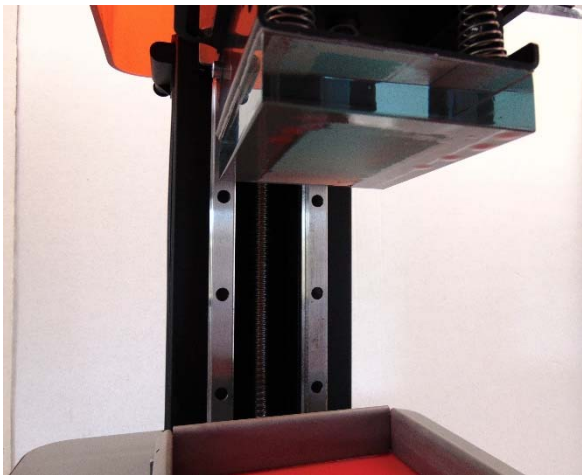
At the end of a work session, in each case at the end of the day, we have to proceed to clean the printer, in particular of the **Construction Base** and the resin **Vat**.

Please note, the cleaning of printer is an important task, both to reach the best performance in printing process, both to ensure a long printer life.

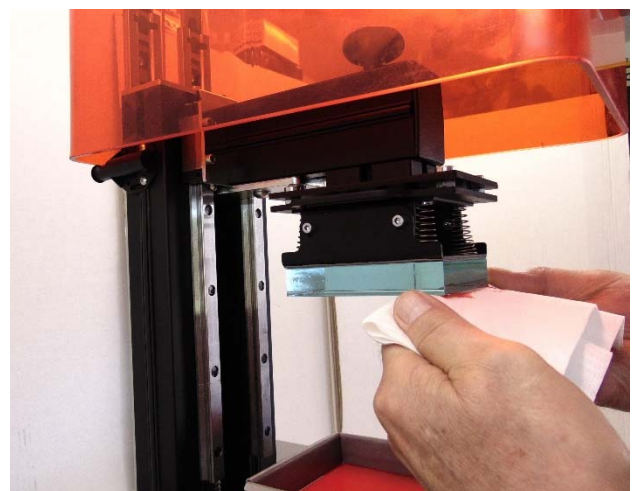
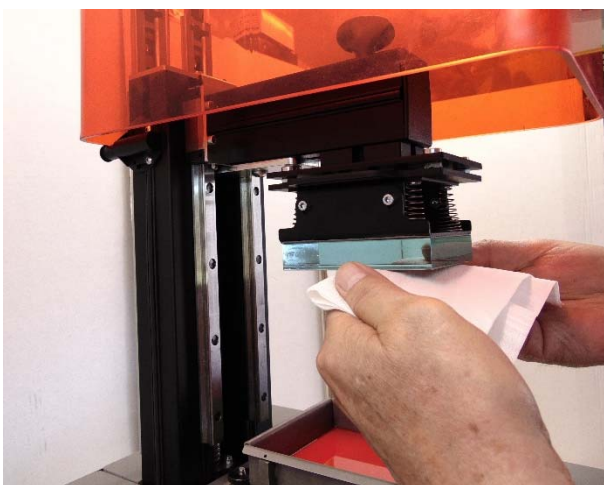
Some tips for proper cleaning

*To avoid the risk that a few drops of resin, remained attached to the **Construction Base**, fall inside the printer, it is important to clean very well it, before removing the resin **Vat**.*

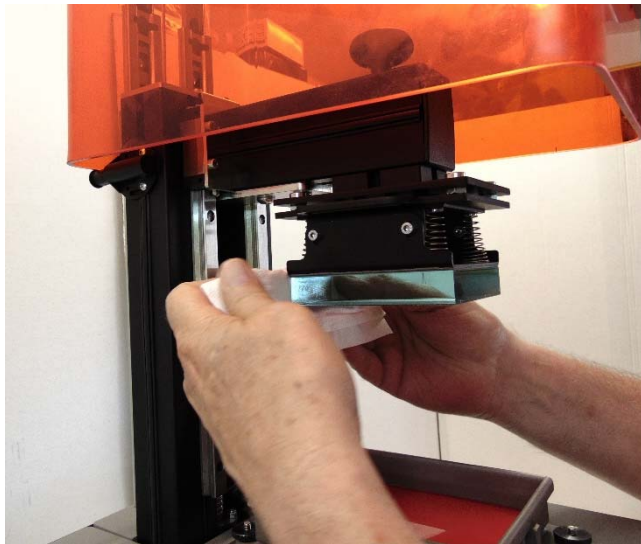
For clean the **Construction Base**, you can use a compact **paper towel (lint-free)**, clean and dry, folded on itself.



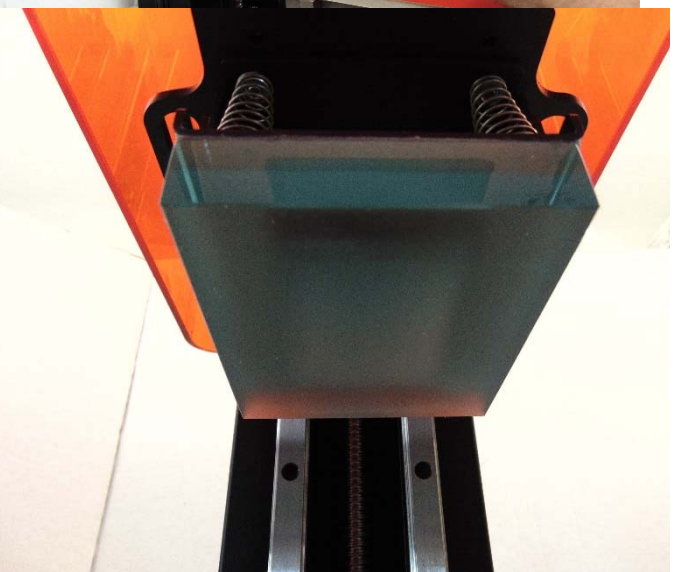
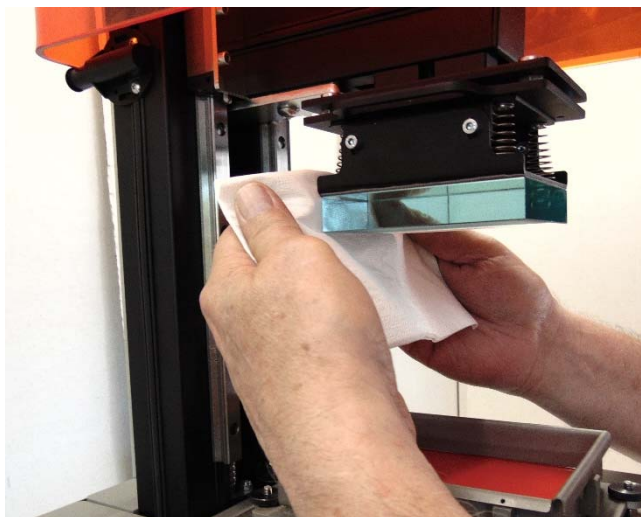
Pass the towel on the glass, sliding it from back to front, folding it over on itself, until the towel will not appear clean.



Then continue on the sides of the glass

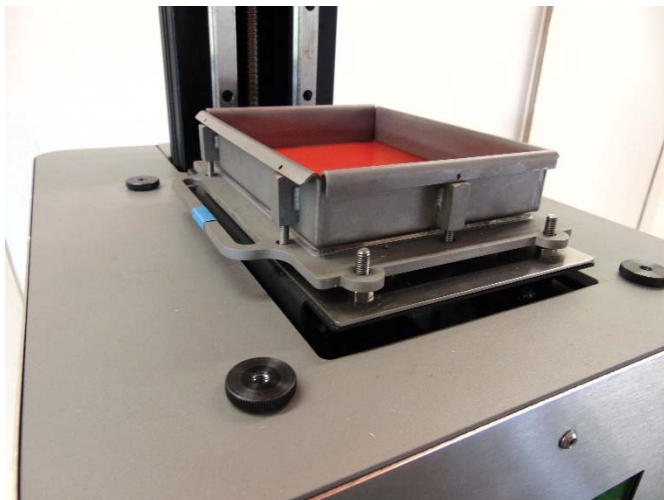


Until the glass is not completely clean.



After you fully clean the **Construction Base**, you can remove the **Vat** (after unscrewing the four knurled nuts that secure it), being careful not to spill the resin.

Using the **small bottle** of black plastic (300 ml) and the **metal strainer** (supplied with printer), transfer the **resin** from the **Vat** to the **bottle**, being careful not to spill it.



Place the **Vat** on the work plan, previously covered with paper towels, clean with a paper towel the corner of the **Vat** through which the resin was poured.

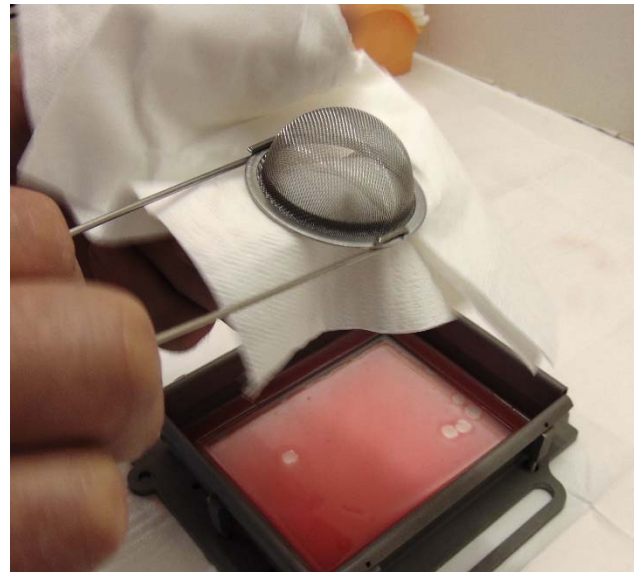
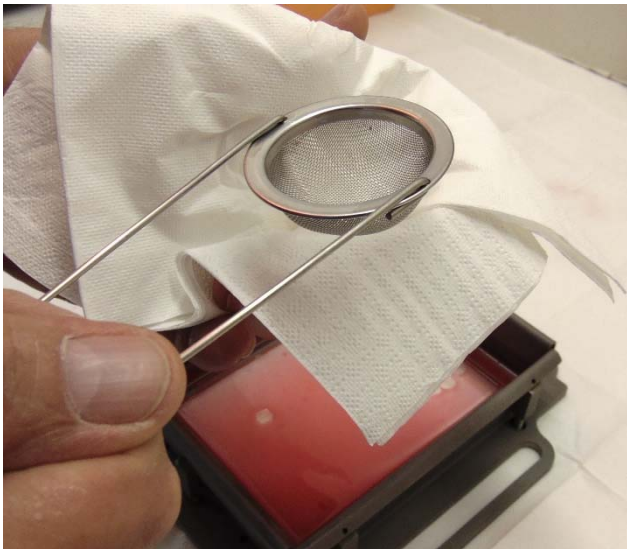


Close the bottle, using his cap, in which it was paid the resin and store it in a cool place away from direct sunlight.

It is important to pour the **residue resin** that you pulled out from the **Vat**, in the **black bottle** (not transparent!). So you can use it again the next time, adding in the same bottle, if necessary, other virgin resin.

It is very important **not to pour** the resin already **used** for a print job in the **original container** of the resin (in which the virgin resin is contained!), this would involve as a result to shorten the useful life of the resin, and poor printing results.

After washing the strainer, using the **RF-Cleaner** (or **Isopropyl Alcohol**), dry it very fine with a cloth before storing.



To pour about **100 ml** of **RF-Cleaner** (or **Isopropyl Alcohol**) inside the **Vat**. This task is very easy using the big plastic syringe without needle (supplied with printer).

Using the **brush** (supplied with printer), first wipe on the **inside edges** (metal) of the **Vat** and then very gently on **Siligel**, in order to dilute the **residue resin**.

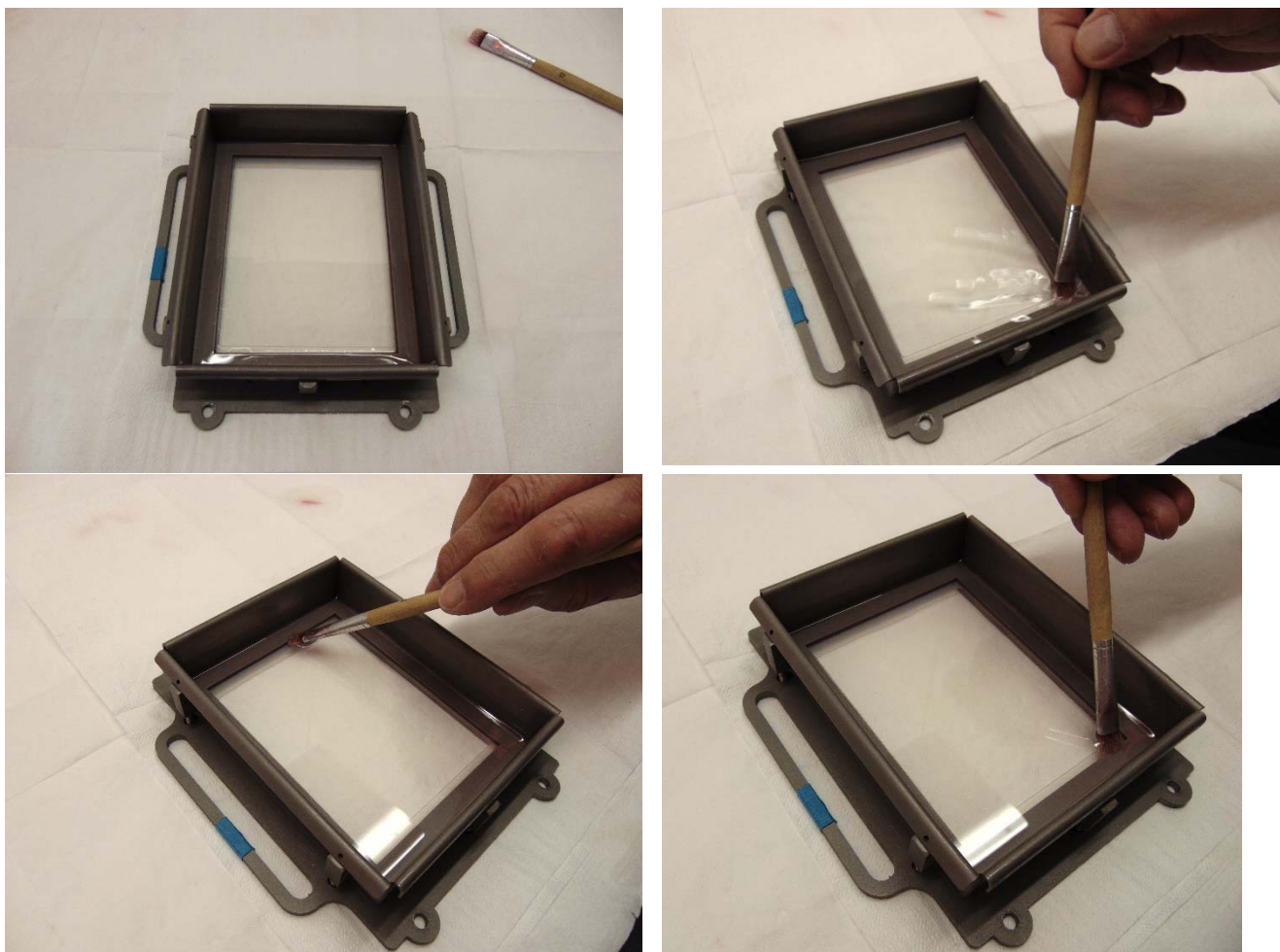
Warning: very gently, on **Siligel**!





Empty the Vat and dispose the liquid containing residues resin.
Place about **50 ml** of pure **RF-Cleaner** (or **Isopropyl Alcohol**) inside the **Vat**.

Clean very well the edges at the corners, accurately passing the brush even in the Siligel contact points with metal edges.



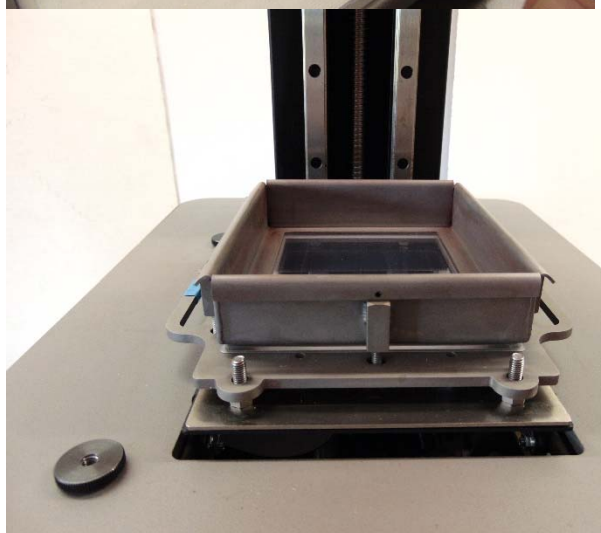
Empty the Vat, trying to drain it very well, before drying.

Use a clean and dry paper towel, folded on itself, **to dry carefully the metal edges**.

Caution: Do not on the Siligel!



Then using the paper towel folded like a 'cigarette', pass it **very gently** on Siligel.



Dry the **Vat**, before placing it back on the Printer.



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