

MIRROR CLEANING

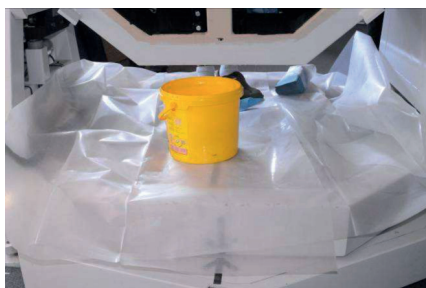
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Materials they need:

- 5l distilled water
- Some detergent (like used for dishwashing by hands)
- 1l Alcohol
- 2 Spray bottles (like used for spray flowers)
- 5 Paper rolls (kitchen rolls)
- Microfiber cloth

TIP:

Since a little water will run down cover everything that should not get wet.



1. You can put some paper on the side of the mirror to suck up the residual water.



2. Also around the baffle if you like. But some people don't use paper because it does not harm too much if the telescope gets wet twice a year.



3. Put some detergent in the distilled water, about the same amount that you would use for dish washing by hand. **But not more please since it will leave a film on the mirror.**

4. Put this mixture in the spray bottle and wet the mirror.

5. Cover the mirror with the paper (like used kitchen paper) it should be wet and stick on the mirror.



6. Let it on the mirror for a few minutes.

7. Remove the paper from mirror just by pulling it off. **Don't wipe yet.** The idea is to remove some of the dirt which will stick on the paper and not wipe on the mirror so you can't produce any scratches.



8. Repeat these steps 2-3 times.

9. Now rinse the mirror with more of the distilled water with detergent.



10. Wipe with the microfiber cloth but without any pressure and keeping it completely wet from top to down. **Only let the weight of the cloth touch the mirror, don't press.**



11. Now wash the mirror with pure distilled water (**without detergent**). You have to remove the residuals of the detergent. Without the detergent, there will be droplets on the mirror.



12. Wipe with the microfiber cloth but without any pressure and keeping it completely wet from top to down. **Only let the weight of the cloth touch the mirror, don't press.**



13. Now use the **pure alcohol** and spray it on the mirror to remove the distilled water. The alcohol flows down the mirror and takes the water with it and dry up without leaving the droplets that water does.



14. Let the mirror dry.

15. If there is some tiny residual dirt on the mirror just let it be there. Most scratches occur if people try to finish the mirror cleaning and wipe on the dry mirror to remove every bit of dust they see.

