DESERTGROVE

By Nadcorp Trading LLC Company

Automatic Pool Cover Slat Cleaning Guide

Field-Tested Method for Sand Residue in Desert Environments

Suitable for PVC and Polycarbonate Slats

Deep clean: approx. 2x/year
Sooner after heavy sandstorms / visible buildup

In a real-use field test, a client successfully removed stubborn sand-related residue from automatic pool cover slats using a multi-stage cleaning process. The result indicates that the visible marks were most likely not caused by sand alone, but by fine sand and dust bonded to the slat surface by oily or organic residue. This type of buildup is especially relevant in desert environments such as the UAE and GCC.







Why This Works

- Dish soap removes loose dirt, ordinary grease and general surface contamination.
- Goo Gone helps soften and dissolve the oily or adhesive-like residue binding fine sand and dust to the slat surface.
- A soft to medium-soft nylon brush provides mechanical agitation to lift the loosened residue.
- A final wash with dish soap helps remove the Goo Gone residue and suspended dirt.

Recommended Cleaning Steps

1 First wash:
Clean the slats with normal dish soap and a soft nylon brush to remove loose dirt and most visible contamination.

2 Deep clean:
Apply Goo Gone on the affected area and work it gently using a soft to medium-soft nylon brush.

3 Mechanical action:
For stubborn spots, a drill-mounted nylon brush may be used carefully at controlled speed and light pressure.
Use only soft to medium-soft bristles.

4 Final wash:
Wash again with dish soap and water to remove the Goo Gone and the loosened residue, then rinse thoroughly.

Important Notes

- This method has been field-tested on automatic pool cover slats and was reported to remove the residue successfully.
- Always test first on a small, inconspicuous area before full application.
- Use only soft to medium-soft nylon bristles. Do not use hard bristles, metal brushes or harsh abrasives.
- Do not use excessive pressure or prolonged high-speed brushing.
- This guide is intended for PVC and polycarbonate slats. Compatibility should always be verified before full cleaning, especially on transparent polycarbonate surfaces.

Observed Technical Conclusion

The residue appears to be a bonded surface deposit rather than sand alone. In dry and sandy environments, especially in the UAE and GCC, very fine airborne sand and dust can become trapped within oily or organic surface films. The solvent action helps loosen this binder, while gentle brushing helps detach the deposit from the slat surface.