

Veralite® - Polishing

Please note that polishing is a time-consuming process which is only used in critical applications. Keep in mind that because of the specific edge color of the sheet, a glassclear edge will rarely be achieved.

The saw cut edges can be improved by :

1) Flame polishing :

Veralite® 200 is preferred to Veralite®100 (crystallization of Veralite® 100 by extreme heat) Veralite® can be flame polished by use of a standard propane torch or a hot nitrogen welder. Flame polishing requires accurate control of distance between the sheet and the heat source. Also an electrical hot-air device can be used for flame polishing.

2) Solvent polishing :

Used only on Veralite® 200, Veralite® 100 not possible (has a chemical resistance that is too high). We advise to use a hot solvent, the vapour should be led along the sheet edges. Sometimes it is required to add a slow drying component (as diacetone alcohol) to prevent humidity blush on the edges after drying.

3) Mechanical polishing :

Use a grating material for polishing. In case of sandpaper, work in steps of hardness of the sandpaper. Start with 200,400,600,800 up till 1000 of fineness.

Polishing can be achieved with abrasive-charged wheels, following methods :

- a wet abrasive (n° 00 pumice) applied to a loose muslin wheel
- a grease or wax-filled abrasive bar applied to a rotating muslin wheel
- a wax compound applied on a polishing wheel of loose flannel

Please note that heat development has to be avoided during polishing. It may be necessary to use a coolant in some cases.

All above information is based on current knowledge and experience. The data does not imply any warranty from the manufacturer towards third parties. Users should consider the above data as a guideline and gather additional information, to make independant decisions regarding the proper use, disposal, safety towards other parties and the protection of the environment.

For more specific information, please feel free to contact our technical department :

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