



**CERIUM POLISHING CUP WHEEL**  
FLAT EDGE AND ARRIS POLISHING  
ON FLOAT AND LAMINATED GLASS

A Company of the SWAROVSKI Group  
[www.tyrolit.com](http://www.tyrolit.com)

**TYROLIT**

# CERIUM POLISHING CUP WHEEL

With the new line of cerium cups, TYROLIT is back to serve the last steps in the glass processing, those more technical and sensitive, related to polishing of technical and furniture glass. With this new product Tyrolit offers to the market an alternative solution that combines high performance and high quality with an appropriate cost benefit.

## Application

Float and laminated glass



### + Immediate startup:

Excellent finish from the first processed glass and for the entire tool life thanks to a perfect balance and parallelism of the tool, which ensures homogenous adhesion to the surface to be polished.

### + High performance:

Ability to polish surfaces allowing the use of very low pressures with high feed speed, ensuring equally high removal capacity.



### + High productivity:

The tool, made from high quality materials, guarantees a lifetime above current market standards.

### + Excellent finish:

The new specification, used with parameters suggested by TYROLIT, allows excellent polishing, reducing roughness (Ra = 0.05) of the worked edge at a value close to the surface of the float glass.

## Working Cerium parameters

<b>Psi (kg)*</b>	30
<b>Feed speed (mt/min)</b>	2-3
<b>RPM</b>	1700-2800
<b>Application</b>	Float and Laminated glass
<b>Pre Polishing Roughness (Ra)</b>	0,15

\* (AxB)xC

A=0,98

B=Bar

C= Area Cylinder (R x R x 3,14)

Example:

Cylinder DM 40 at 2 Bar

(0,98x2,5)x12,56=30kg

## Example of Best Practices glass C15mm on Double Edger machine

	Resin	Polishing	Polishing	Polishing	Cerium
<b>Grit</b>	270	40*	60*	80*	CE-100
<b>Feed Speed mt/min</b>	1,5	1,5	1,5	1,5	1,5
<b>Psi (Kg)</b>	/	25	25	25	30
<b>Roughness (Ra)</b>	0,67	0,16	0,15	0,12	0,05

\*standard polishing on the market