

## FINISHING DETAILS

LIFE VENEER panel is the the ready-to-use VENEER panel produced with meticulous technological procedures.

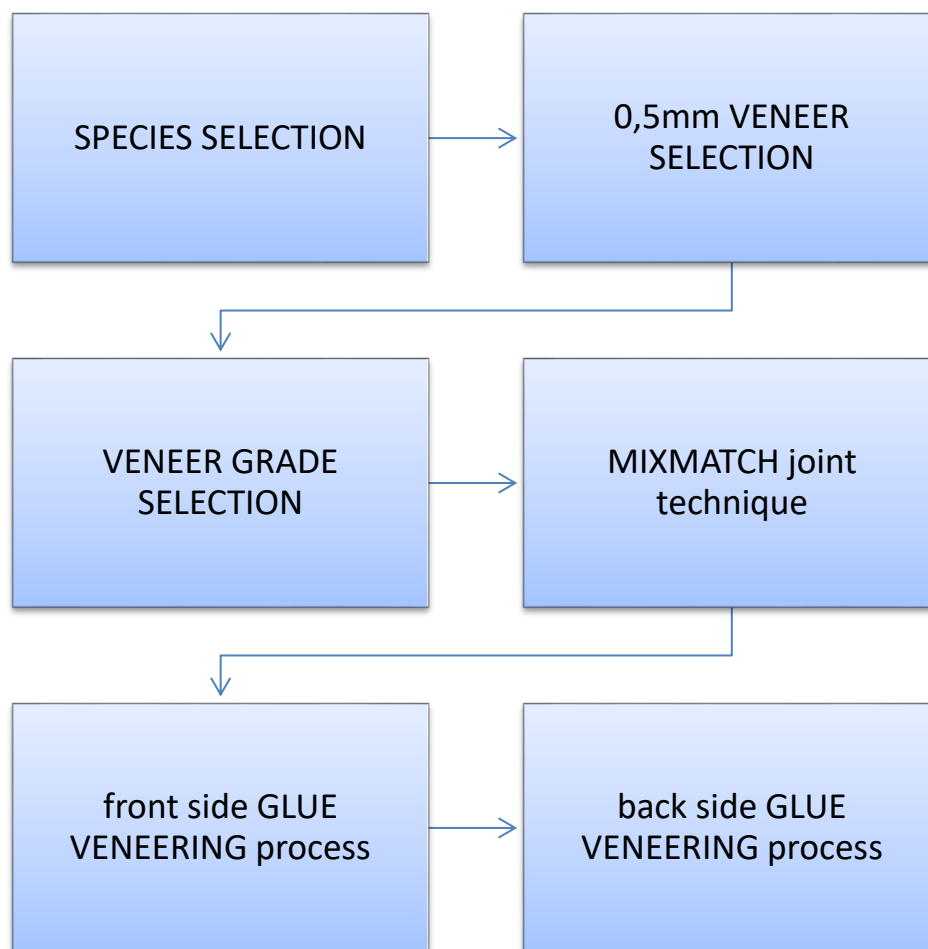
Every single panel is treated so as not to modify the natural appearance of the wood.

Thus, genuine veneer matte appearance is not altered but rather emphasized with a series of delicate production processes.

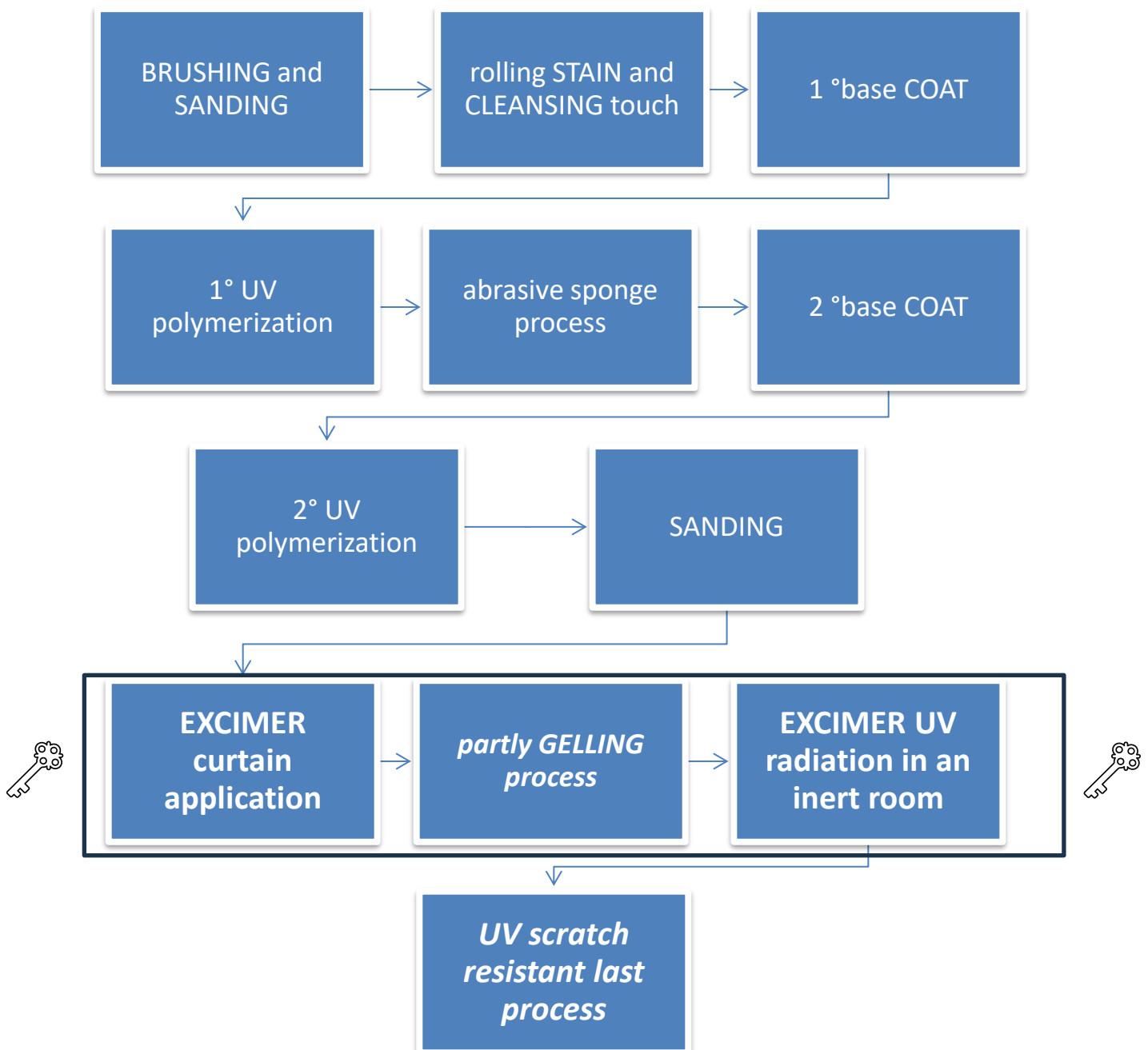
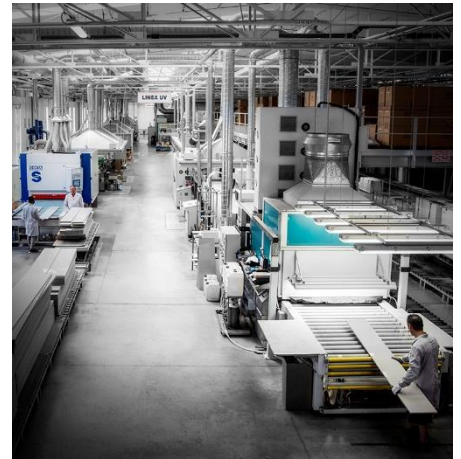
Technically, raw veneer material has its genuine natural matte 1 gloss level ( 1 GU ) and our goal has been reached having the below **EXCIMER UV**, in an inert room, procedure done on every panel.

	PALUDET EXCIMER	UV STANDARD	POLYURETHANE
<b>Main features</b>			
<ul style="list-style-type: none"> <li>SUPER MATTE appearance that can be reached only with <u>EXCIMER</u> upgraded process. <i>* 1GU as raw veneer material genuine is.</i></li> </ul>	1 GU*	4 GU	4 GU
<ul style="list-style-type: none"> <li>Matte effect due of excimer lamps on inert room ( inert room / total exclusion of oxygen )</li> </ul>	✓	✗	✗
<ul style="list-style-type: none"> <li>EXCIMER scratch-resistant (Newton rate)</li> </ul>	6,0 N	0,9 N	0,7 N
<ul style="list-style-type: none"> <li>Absence of waxes that cause of plastic aspect</li> </ul>	✓	✗	✗
<ul style="list-style-type: none"> <li>Curtain coater and its available depth brushing option <i>* rolling coaters do not allow depth brushing</i></li> </ul>	✓ *	✗	✗
<ul style="list-style-type: none"> <li>Curtain coater and its available light brushing option * <i>rolling coaters do not allow light brushing</i></li> </ul>	✓ *	✗	✗
<ul style="list-style-type: none"> <li>Restoring surface availability <i>( carefully and few limited times )</i></li> </ul>	✓	✗	✗
<ul style="list-style-type: none"> <li>No solvents <i>No solvents release over years. No solvents as hydro-coat is.</i></li> </ul>	✓	✓	✗

## VENEERING PROCESS



## STAINING and COATING process with EXCIMER MATTING procedure.





## Key points EXCIMER UV rays

In this method , the EXCIMER liquid is curtain applied and it is , afterword , partly gelled before the excimer lamps UV curing process done in an inert room under a total exclusion of oxygen.



excimer curtain liquid application



partly gelling process



excimer UV radiation



HG-UV lamp

The above mentioned key points processes, leads to a superficial polymerization which causes a volume shrinkage with various degrees. This deformed “skin” leads to a diffuse reflection of the light, which we perceive as a MATTE effect.



## MIRCROSCOPE IMAGES

