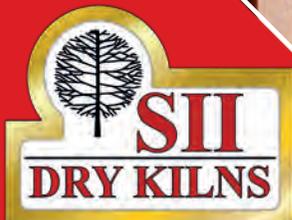


THERMO VACUUM SYSTEM®

THERMALLY MODIFIED WOOD
VACUUM TECHNOLOGY

160°C - 220°C

SINCE
1962



PROUDLY REPRESENTED
BY SII DRY KILNS



WHAT YOU WILL GET FROM A THERMO VACUUM SYSTEM

EXCELLENT PRODUCT QUALITY



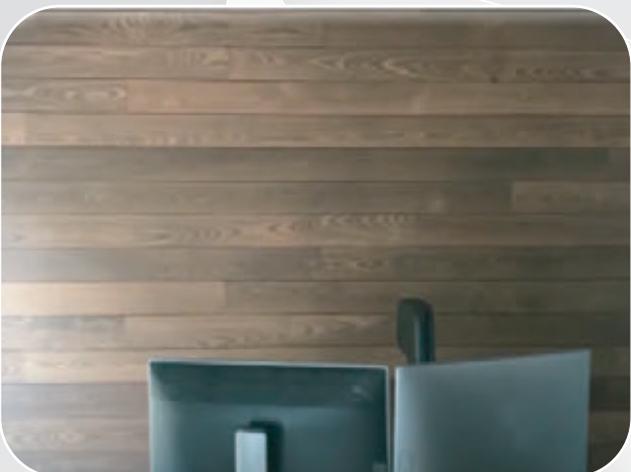
- Change of **durability** and wood use class
- Increased dimensional **stability**, up to +60%
- Suitable for many outdoor applications
- Suitable for engineered wood and structural applications

INFINITE SHADES OF COLOR

- Decide the **color** you want, it's all about temperature and time
- **Homogeneous** along the whole board
- Any **wood**, any **thickness**



ODORLESS AND ACOUSTIC



- **V.O.C. emissions** close to non-treated wood
- Suitable also for **indoor** uses: walls cladding, pavements, furniture, and many others
- Increased thermal **insulation**
- Excellent **acoustic resonance** for musical instruments

PROCESS AND PRODUCT 100% ECO-SUSTAINABLE



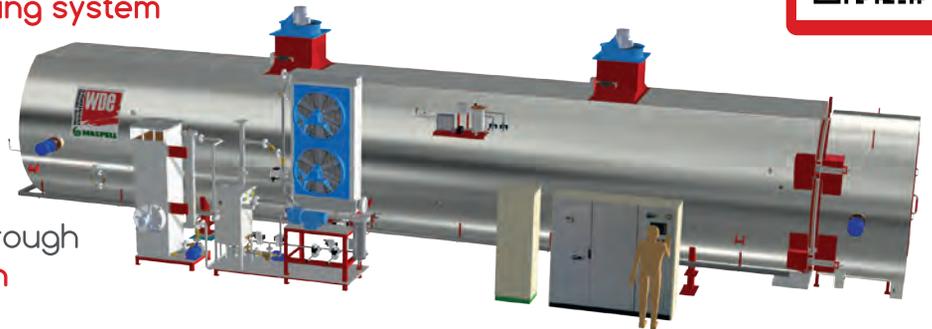
- **CO2 footprint** reduced by 70%
- **No chemical** additives
- **Non-hazardous** industrial waste
- Air **emissions reduced by 99,6%**
- Cooling **without water spray**
- **Ecological wood** throughout its whole life

INTRINSICLY SAFE

READ MORE



- Controlled and wood-safe **cooling system**
- Equipped with **UPS**
- **Telephonic** dialer
- **Wood Self-ignition** prevented through **Inertization system by Nitrogen**
- Automatic washing system, to keep the main components clean and efficient



A REAL GAME CHANGER



- Outstanding **Return On Investment**
- No wastes, **very high productivity** and **duty cycle**

COLOR FROM HEAT

- By subjecting the wood to high temperatures its **color** can be **changed** (from light brown to black) **without adding chemical** products
- Users truly appreciate the **wide range** of available **colors** that varies based on the type of wood as well as on treatment pressure and temperature

ASH

Overhead view



Cross-section



WHITE FIR

Overhead view



Cross-section



POPLAR

Overhead view



Cross-section



TULIPIER

Overhead view



Cross-section



RED OAK

Overhead view



Cross-section



CHESTNUT

Overhead view



Cross-section



OKUME

Overhead view



Cross-section



HACKBERRY

Overhead view



Cross-section



YELLOW PINE

Overhead view



Cross-section



**SII DRY KILNS IS PROUD TO REPRESENT
WDE MASPELL THERMAL MODIFICATION SYSTEMS
PLEASE VISIT OUR WEBSITE WWW.SIIDRYKILNS.COM
OR CALL US AT 800 545 6379**