

FEEL
GOOD
INSIDE

RECTICEL
insulation



 **Powerline**[®]

Insulation boards with a good fire behaviour for agricultural applications

Powerline®: optimal protection for a comfortable indoor environment



► Care-free Insulation

Animal welfare is more than a matter of ethics. For example, ambient temperature doesn't just impact the animals' health significantly, it also affects their growth and productivity.

Opt for the right insulation solution for your buildings and pens from the start, ensuring the quality of your products and your livestock's performance. Appropriate insulation means improved cost management, of both the animal feed and energy consumption.

Opting for Recticel Insulation as a partner in your projects means opting for experience, expertise and confidence. And those are good for both you and your customers.

► Integrated, durable solution

Powerline® insulation boards are suitable for all types of livestock (poultry, pigs, cattle, horses, sheep and goats), but also for storage facilities, especially of potatoes. Powerline® boards reduce your energy expenditure and ensure a stable inside temperature throughout the year. That means improved comfort for your animals and better working conditions for you. With Powerline® insulation boards, you are assured

of a comfortable environment for your poultry or pigs thanks to smart ventilation. For dairy farms, better light diffusion means improved comfort for milking and similar tasks. Horse farms can also rely on a pleasant interior environment, due to the high reflectivity and improved light diffusion. Finally, ideal storage conditions reduce losses due to deterioration.

“A comfortable interior climate is essential to our dairy cows. We opted for polyurethane insulation boards for our dairy shed. The boards were easy to install and are easy to clean. This has been more than worth the investment.

Our main concern is, and remains, to provide our animals with the best possible environment!”

Patrick, dairy farmer



► Powerline® in 5 points

- Better returns for your livestock farm or storage facilities thanks to high insulation value ($\lambda_D = 0,024 \text{ W/mK}$)
- Better protected due to a good fire behaviour
- Easy, fast installation
- Easy to maintain for a comfortable interior climate
- Good ventilation

Thickness (mm)	30	40	50	60	70	80	100
U-Value (W/m ² K)*	0.80	0.60	0.48	0.40	0.35	0.30	0.24

*Product as such



► Good fire behaviour

Powerline® insulation boards feature a core in **TAUfoam by Rectice!**®, a special PIR foam, and are faced on both sides using embossed aluminium, painted white on the visible side. A rebate along the longitudinal edges is optional.

Due to the special cell structure, the board can neither melt nor drip in the event of fire and will be in the fire class Euroclass D-s2, d0 (product as such)** classified. That means more security for you and your animals!

** Euroclass B-s2,d0 in specific end-use conditions (report available on demand).



► Powerline®: easy installation

We recommend you to install the insulation under the roof purlins. That way, you ensure proper ventilation in the stables and an attractive ceiling as well. The result is neat, more hygienic and easier to clean.



- The made-to-length board is installed in one operation, from the ridge to the gutter.
- Due to the limited board weight and mounting using three screws per purlin, installation is extremely fast.
- Powerline® boards are best installed in combination with Recticel Insulation PVC profiles. Mount Profisol H, Profisol U or Chair profiles between the Powerline® boards.



Want to learn more?

Please contact us or request our technical data sheet.

Recticel Insulation
+32 56 43 89 42
export.insulation@recticel.com
recticelinsulation.com

FEEL
GOOD
INSIDE

RECTICEL
insulation