

CREATING TOMORROW'S SOLUTIONS

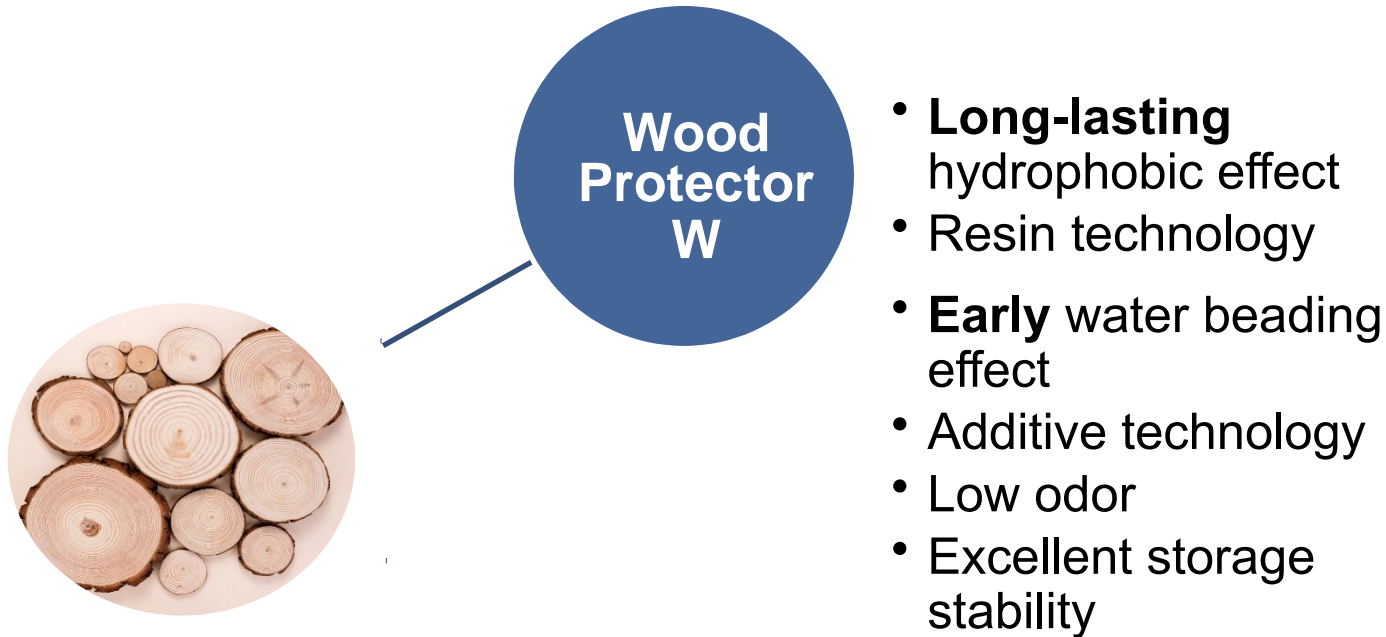


New Development for Waterborne Wood Applications

SILICONE PROTECTION Ltd.

H-2768 Újszilvás, St. Ady Endre 16.
e-mail: info@szilikon.eu
web: www.szilikon.eu
tel.: +36 70 606 30 66

Extension of Product Portfolio for Wood



► **Recommendation based on performance needed**

Wood Protector W

Wood Protector Plus



▶ Suitable as:

- ▶ Water repellents for impregnating wood surfaces
- ▶ Hydrophobizing additive for aqueous wood coatings/wood stains

▶ Applications:

- ▶ Natural looking wood facades, garden furniture, wood fences and summer houses among others.

▶ Advantages:

- ▶ Early water beading effect
- ▶ Storage stability in diluted form
- ▶ Effective at high dilution till 1:10

Wood Protector W

Wood Protector Plus



Product Description

- ▶ Water thin-able emulsion of a functional reactive polysiloxane
- ▶ Approx. 55 % of solids
- ▶ Milky white appearance
- ▶ Approx. 50 mPa*s of viscosity

▶ Recommended dosage

- ▶ Hydrophobic impregnates for wood: typical dilutions from 1:5 to 1:10
- ▶ Hydrophobic additive for wood stains or coatings: addition of 2% to 4%

Development Product Wood Protector W after 2 weeks exposure

Faster beading effect than comparison even higher dilution

Wood Protector W; 1:5



Wood Protector W; 1:10

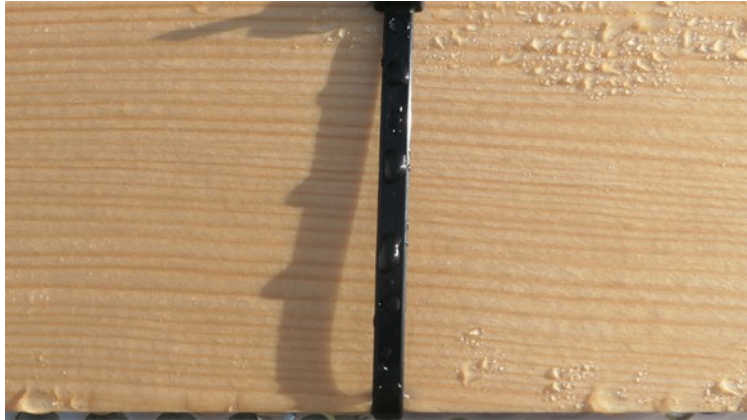


Oak / 2 weeks outdoor weathering BGH

Development Product Wood Protector W after 2 weeks exposure

Faster beading effect than comparison even higher dilution

Wood Protector W; 1:5



Wood Protector W; 1:10



German Spruce / 2 weeks outdoor weathering BGH

Development Product Wood Protector W after 2 weeks exposure

Faster beading effect than comparison even higher dilution

Wood Protector W; 1:5



Wood Protector W; 1:10



Scandinavian Spruce / 2 weeks outdoor weathering BGH

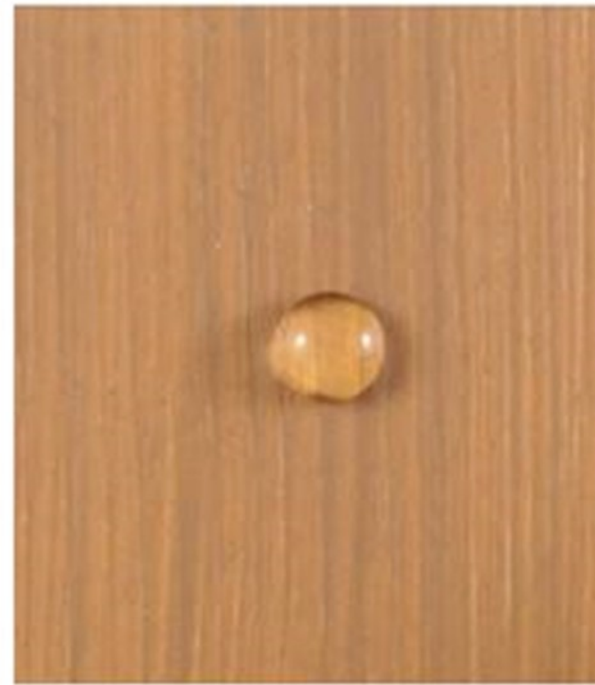
Development Product Wood Protector W after 1500 h QUV-B

Improved beading effect in market varnish 1

Unmodified



Modified with
4 % SLM 68100



Spruce

Development Product Wood Protector W after 1500 h QUV-B

Improved beading effect in market varnish 2

Unmodified



Modified with
4 % SLM 68100



Spruce

Development Product Wood Protector W after 1500 h QUV-B

Improved beading effect in market varnish 3

Unmodified



Modified with
4 % SLM 68100



Spruce

Thanks for your attention...

