

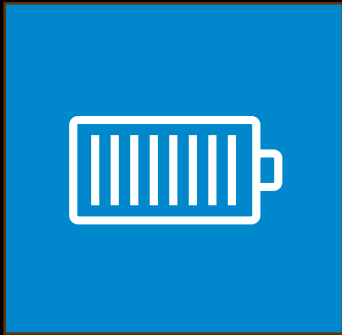


G **MORE** **+** **Functional Protection**

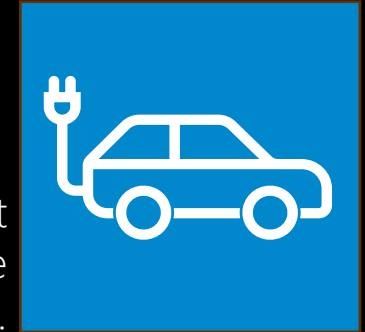
More Safety. More Time.

GERHARDI Functional Protection

More Safety. More Time.



If lithium-ion batteries installed in modern electric vehicles catch fire, temperatures of up to 1.800 °C can quickly be reached.



Inhibition of expansion and heat development in the event of a possible thermal runaway in the battery cells.

G⁺ **FUNCTIONAL PROTECTION**



Application of a special fire protection coating inside the battery housing.

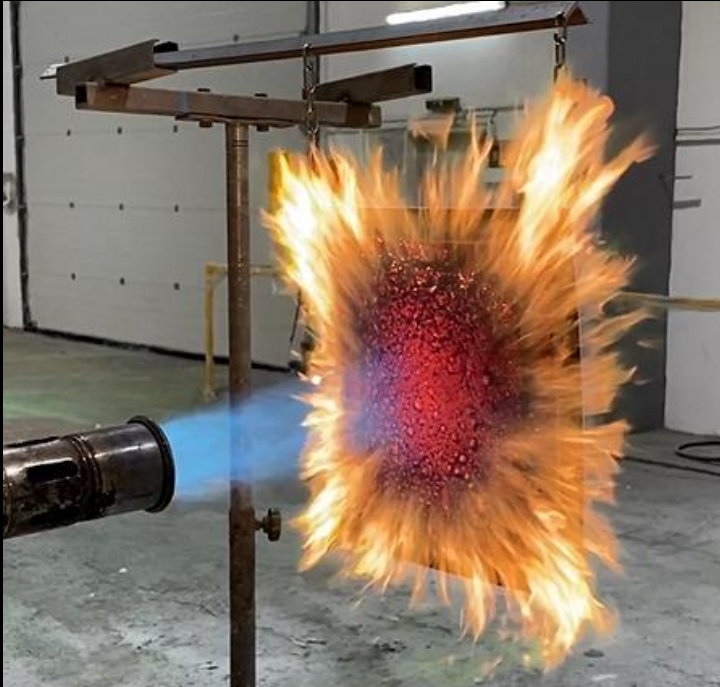


Fire protection is an important component for battery electric vehicle safety.

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First prototype coatings, testing carried out successfully by **inprocoat**[®]
coating solutions

More Safety. More Time.

- + Validated, working system BMW WS 07053
- + Can be used for all geometric conditions / follows contours / 3-dimensional / masking is easy and possible anywhere
- + Protects the entire defined area, rapid adaptation of the system technology in the event of part variations
- + Suitable for the protection of all substrate metals, fiber-reinforced polymers (GFK/CFK), plastics or e.g. substrates already coated with E-Coat
- + Low overall weight, little space required
- + Improved electrical insulating properties, full-surface connection
- + Volumes and cycle times can be adjusted, fast ramp up
- + Many years of know-how in the field of fire protection coatings / also special applications / highest protection classes

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G+

Fully industrialized and ready for series production

Want to find out more⁺?
We are here for you.



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