Automotive Glazing

PC Cutting Trails done by German Fire and Rescue Service (initiated by VDA)

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Fire and Rescue Service

cutting trails using PC front screens (police bus)

Background information:

The trails with polycarbonate windscreens from KRD took place on 2010-07-30 at the fire and rescue service Wiesbaden and were initiated by the VDA task force „rescuing accident victims“.

Results:

…cutting of polycarbonate is possible without problems using the current fire and rescue service tools … utilizing however different tools compared to glass. …

Finally, in the view of the fire and rescue services there is nothing to be said against the use of polycarbonate glazing in vehicles.

(translated from Heyne et al BrandSchutz 2011, 8, 594ff)

…different compared to glass. … spring center punch, glass saw or Hooligan tool (special forcible entry tool) are not useful…
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... pendulum jigsaw, twin saw, cut-off grinder and hydraulic cutter can be used without any difficulty to cut polycarbonate glazing. ...

... also cutting trails under strain to simulate an accident situation were performed ...
Advantage of the break-proof polycarbonate (accident of police bus with polycarbonate glazing in Augsburg, Germany)

... during the rescue work it was possible to remove the intact PC windsreen from KRD in one piece.

... polycarbonate glazing remains intact during and after the crash.
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Thank you!

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