



Hans Gugelot

1920 - 1965

Years 1949 - 1965

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1950

1955

1960

1965

Sandwich-floor assembly for the automotive industry

1963-67

Hans Gugelot with Gugelot-institut



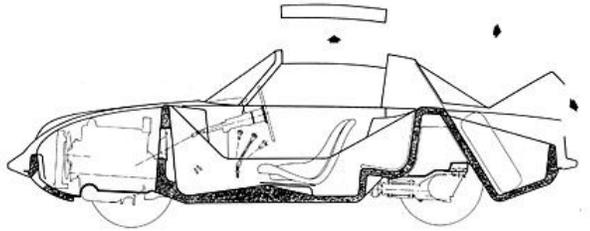
One of the last works and also the largest in the life of Hans Gugelot is to create a completely new type of plastic floor assembly for automobiles. About 4 years to develop, until it was completed by the end of 1996 Gugelot institute. At the Hanover Fair 1967, she celebrated her debut.



They opted for a sports car concept. Sports cars are the avant-garde among the cars, they will be hard tested, critically observed - one is the publicity sure to deserve their technical status.



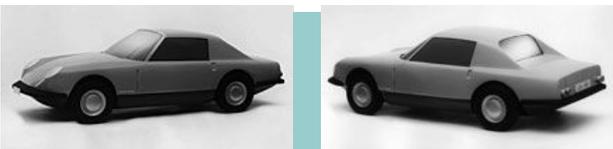
The Waggonfabrik Donauwoerth produced the forms and prototypes, BMW announced the Fahraggregate and carried out the tests.



The common goal: a one-piece, self-sustaining, fail-safe, corrosion resistant and dröhnfreier vehicle body, which are both light, as is also stable. In addition, he should be able to be built with minimal tooling costs and provide an appropriate basis for an experimental car, that too.



The principle of Tragekörpers is a sandwich structure: two thin-walled plastic containers are locked together into a hollow body, which is foamed with a foam based on polyurethane (Hartmoltopren). The shells made of epoxy resin reinforced with fiberglass and already colored. A construction that is relatively lightweight and extremely stable.



Possibilities of setting up:
Fastbackkarosserie for BMW 2000 ti
Body with removable roof and retractable rear window