

Paul Bauder GmbH & Co. KG, Korntaler Landstraße 63, 70499 Stuttgart

SIGA Cover Deutschland
Herr Hans-Jörg Wagner
Willy-Brandt-Platz 2

12529 Schönefeld

Paul Bauder GmbH & Co. KG
Werk Stuttgart
Korntaler Landstraße 63
70499 Stuttgart
Telefon 0711 8807-398
Telefax 0711 8807-201
andreas.waldenmaier@bauder.de
www.bauder.de

Gesprächspartner
Andreas Waldenmaier

Durchwahl
0711 8807-398

Datum
21.10.2020

Statement „Revision of the SIGA Wetguard with Bauder Bitumen Membranes“

Dear Mr. Wagner,

we are happy to comment on the above subject: You provided us with a material sample from SIGA Wetguard, with which we carried out various tests using our products (in these tests the SIGA Wetguard was in new condition).

Boundary conditions have been:

- When using the SIGA Wetguard as a construction-time sealing, it is glued over the entire surface to the wooden substrate
- After construction period there are two options to continue – first option: installing the bitumen sealing directly on the wooden substrate including SIGA Wetguard. Second option: installation a bituminous vapour barrier, followed by insulation and then the two-layer bituminous sealing.

We have tested the bonding of our bitumen sealing-membranes and bitumen vapour barriers in both ways: cold-bonded and hot-welded on the SIGA Wetguard. The results for adhesion have been satisfying for both installation methods. From a technical perspective, both ways of installation on top of SIGA Wetguard are possible (Prerequisite: professional execution and compliance with wind suction forces).

National regulations must be observed. We therefore recommend a separation layer to absorb movement from the wooden substrate, before installing the bitumen waterproofing or bitumen vapour barrier.

Our installation recommendations are therefore as follows:

- When applying a bitumen sealing directly on top of the wooden substrate (including SIGA Wetguard)
 - o first layer BauderTEC ELWS DUO (with integrated separation layer) laid loose and mechanically fixed
 - o as an alternative you can use BauderFLEX TA 600 as separation layer laid loose and mechanically fixed, followed by a first bituminous layer from Bauder installed cold self-adhesive or torched on top of the BauderFLEX TA 600
 - o to stick directly on SIGA Wetguard (cold self-adhesive or torched) you have to respect the national regulations – so this might be a “special construction” which has to be approved by the buildings planners and owners
- When applying a bituminous vapour barrier directly on top of the wooden substrate (including SIGA Wetguard):
 - o first layer BauderTEC KSD mica (with integrated separation layer) laid loose and mechanically fixed
 - o as an alternative you can use BauderFLEX TA 600 as separation layer laid loose and mechanically fixed, followed by a bituminous vapour barrier from Bauder installed cold self-adhesive or torched on top of the BauderFLEX TA 600
 - o to stick directly on SIGA Wetguard (cold self-adhesive or torched) you have to respect the national regulations – so this might be a “special construction” which has to be approved by the buildings planners and owners

If you have any further questions, do not hesitate to contact us.

Best regards

Paul Bauder GmbH & Co. KG
Product management



i.A. Andreas Waldenmaier
Dipl.-Wirt.-Ing. & Dachdeckermeister
Produktmanager Flachdach (Bitumen/PIR)