

Check list for a structural analysis of ROOF PANELS

Customer: Building project: Builder:
 Street: Place of project: Street:
 Postcode/region: Postcode: Postcode/region:
 Clerk: Signature:
 Order No.(if available): **Date:**

Calculation for:

initial sizing verifiable static proof for fastening material

Metecno roof-sandwich panel:

G4 / Siscoroof 4G (roof panel PUR/PIR) Hipertec Roof / Siscotek Roof 4G (roof panel rock wool) Hipertec Roof Sound (acoustic roof panel) (roof panel rock wool) Core thickness: [mm] Colour: [RAL]

Deviation from standard-product (profile of steel sheets, thickness of external sheet, thickness of internal sheet):

Information about the building:

closed open unilateral multilateral
 length: [m] width: [m] height: [m] (roof ridge) roof slope: [roof angle]
 roof shape: single roof ridged roof

Special features

neighbouring building attic roof overhang additional loads (e.g. photovoltaic)
 height: [m] height: [m] lenght: [m]

Static system:

single-span system double-span system ceiling panel
 regular purlin spacing irregular purlin spacing multi-span system

Panel: [m] Panel: 1: [m] Panel: 2: [m] Panel: 3: [m]
 Panel: 4: [m] Panel: 5: [m] Panel: 6: [m]

Subconstruction:

steel (fully symmetrical) type: material thickness: [mm] wood stonework
 thin-wall profile type: material thickness: [mm] ferroconcrete

bracing of subconstruction / supporting sandwich panel (Z 10.4-583)

Fixture:

Manufacturer: type: Annotation: *If no manufacturer and/or type of screws is stated, it will be calculated with fitting screws according to current approvals.*

Enclosure:

architect's drawings installation plans purlin plans sketches
 load assumption static calculations other:

Metecno-Internal:

AWT-No. Clerk AWT: Responsible AD:
 Date: Responsible ID: