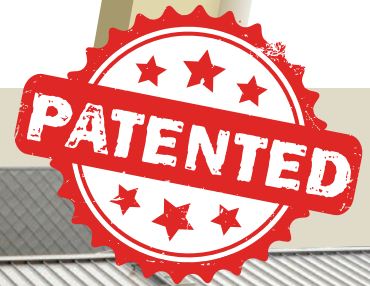


QCC ROOF SYSTEM WITH  
QUIET·CLOSED·COATING

**EASIER.  
FASTER.  
BETTER.**



✓ No random mesh  
necessary for sound-proofing –  
confirmed by Fraunhofer Institute

✓ No separation layer necessary

✓ Anti-condensation coating

✓ No additional sealing work

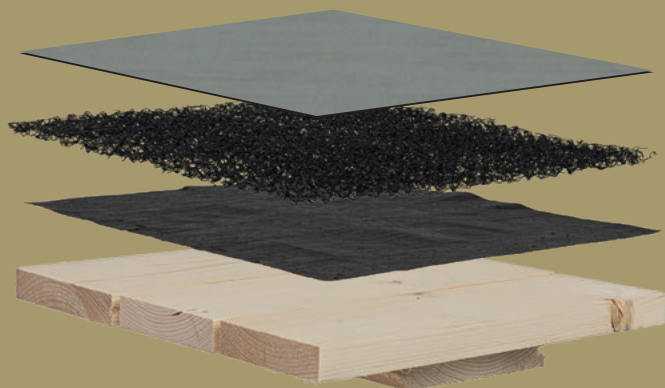
✓ For roof pitches from 1.5 °



QCC-METAL.DE

# QCC ROOF SYSTEM WITH QUIET·CLOSED·COATING

Conventional structure



QCC roof system with EPDM coating



**No random mesh necessary for sound-proofing – confirmed by Fraunhofer Institute**  
Air bubbles enclosed in the QCC coating act like foam rubber and absorb the sound of pattering rain



**No separation layer necessary**  
The revolutionary coating is resistant to ageing, acid, temperature and water; it is also vapour-tight



**Anti-condensation coating**  
Thanks to the coating on the underside of the sheets, condensation no longer forms on the sheets

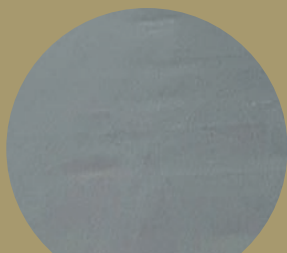


**No sealing work needed**  
All grooves and fastenings are automatically sealed



**For roof pitches from 1.5 °**  
Also suitable for flat barrel vaulting

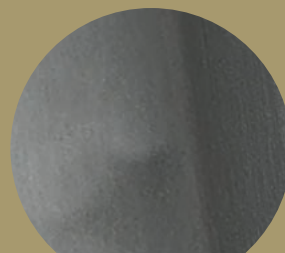
**Impeccable appearance without additional effort**



**No knee impressions when walking on random mesh**



**Significantly fewer impressions of dishing formwork boards**



**Significantly less marking of screws or nails**

## Structure of the QCC coating with MEFOFLEX® E

Non-stick sealer,  
prevents the layers  
from sticking together

Foamed EPDM coating

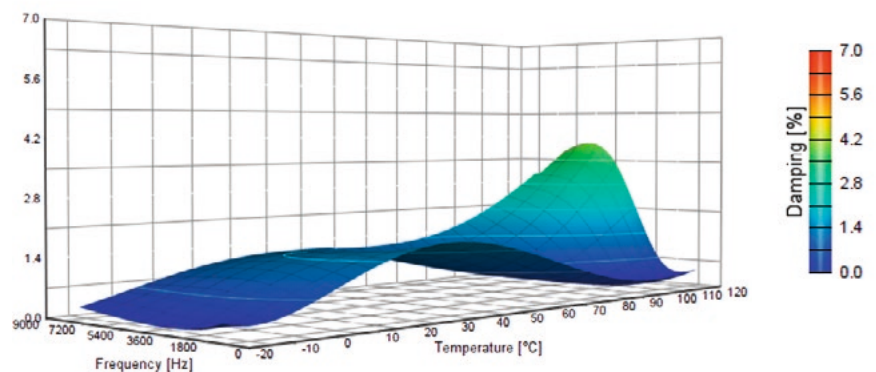
Rubber adhesive coating

Metal backing layer,  
optionally with decorative  
surface on non-rubberised  
side



## Technical data

- ✓ Adhesive strength of the bond:  
 $\geq 2 \text{ N/mm}^2$
- ✓ Creep relaxation: < 50 %
- ✓ Compression (C): > 10 %  
as per test standard ASTM F36
- ✓ Restoring force (R): > 50 %  
as per test standard ASTM F36
- ✓ Temperature range  
-40 °C to +130 °C
- ✓ High resistance to polar media  
as well as organic and inorganic  
acids and bases
- ✓ High mechanical strength
- ✓ Very good weather resistance



## Supplier companies



## Sustainable right from the production

- ✓ Up to 96% less solvent used than in conventional methods
- ✓ Environmentally friendly with CO<sub>2</sub> savings certified and promoted
- ✓ Own energy supply (exhaust air treated by thermal after-burning)
- ✓ Up to 75% of energy needs covered by green energy sources



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