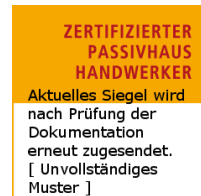


EXAMPLE trades documentation_EN



TRADE: **Shell construction - Insulation**

Compilation

A Service provider

Service personally provided by:

Last name **Mustermann [example last name]**
First name **Martin [example first name]**
Profession **Maurermeister [master brick layer]**


B Contact information

Landline telephone number **1-222-222-2222**
Mobile number **1-555-555-5555**
E-mail **martin-mustermann@muster.ca**
Website **www.muster.ca**

C Overview photograph



Project title

 **Apartment building (owner occupied)**

Town	Darmstadt
Postcode	64283
Country	Germany

D Brief description of the work

General description of the work on the project



Building shell construction for an apartment building with insulation of the floor slab, basement walls and exterior walls


- The floor slab insulation consisting of foam glass slabs under the floating screed was bonded across the surface with standard bitumen adhesive

- The parts of the basement walls in contact with the ground were insulated with XPS polystyrene using the mortar bead technique The work was carried out building section by building section

- A compound insulation system with EPS insulation was applied to the exterior wall and later on this was covered with reinforcement and base-coat mortar and inorganic top plaster.

E General project information

E1 Is the building a certified Passive House, EnerPHit retrofit or Low Energy House?

Yes		ID-Number		
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Energy Standard

New Passive House construction	<input checked="" type="checkbox"/>
Existing PH (EnerPHit retrofit Standard)	<input type="checkbox"/>
PHI Low Energy Building Standard	<input type="checkbox"/>

E2 The building is not a certified Passive House?

Yes		Further information up to section F is necessary
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Please select climate zone


(For selection see www.passivehouse-trades.org)

Arctic	Cold	Cool, temperate	Warm, temperate	Warm	Hot	Very hot
		<input checked="" type="checkbox"/>				

Type of project

Single-family house	<input type="checkbox"/>
Apartment building	<input checked="" type="checkbox"/>
Non-residential building	<input type="checkbox"/>

Number of accommodation units and utilisation units

 6

Type of construction

Solid construction	X
Mixed construction	
Lightweight construction	

Ventilation system

[if known and if present]

With heat recovery	X
Pure exhaust air system	

Central unit	X
Decentralised system	

Other system	
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Typ of heating

[If known]

Type of heating	Heat pump
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Hot water generation

[If known]

Type of water generation	Heat pump
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Other re-source-saving building technology systems (Photovoltaics and similar)

[If known]

Other installations	Vacuum tube collectors
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Planner of the building construction measures

[Voluntary information]

 Anton Architekt, www.anton-architekt.de

Building technology engineer





[Voluntary information]

 Hubert Heizungsbau, www.hubert-heizungsbau.de
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F Documentation according to trades

F1 Shell construction – Insulation layer

1	Documentation of materials/details/photographs of the base/basement connection
⇨	 <p>Floor slab to be insulated</p> <p>Work carried out: Double layer of foam glass insulation, total 16 cm on foundation slab Achieved U-value after reduction factor $0.25 \text{ W}/(\text{m}^2 \cdot \text{K}) * 0.6 = 0.15 \text{ W}/(\text{m}^2 \cdot \text{K})$.</p>  <p>Basement wall to be insulated</p> <p>Work carried out: Single layer of XPS insulation of the basement wall in contact with the ground, total 16 cm, with reinforcement and trowel applied plaster Achieved U-value after reduction factor $0.25 \text{ W}/(\text{m}^2 \cdot \text{K}) * 0.6 = 0.15 \text{ W}/(\text{m}^2 \cdot \text{K})$.</p>

<p>2</p>	<p>Documentation of materials/details/photographs of insulation work carried out for the exterior wall</p>
<p>⇨</p>	<div style="display: flex; justify-content: space-around;">   </div> <p>Photograph on left: Load-bearing concrete construction of the building Photograph on right: Insulation layer before cleaning and application of reinforcing layer</p> <p>Work carried out: Compound insulation system with EPS insulation and later application of organic plaster with reinforcement and top plaster</p> <p>Achieved U-value of exterior wall 0.15 W/(m²*K).</p>
<p>3</p>	<p>Documentation of materials/details/photographs of cable feedthrough</p>
<p>⇨</p>	<div style="display: flex; justify-content: space-around;">   </div> <p>Photograph on right: After application of insulation material</p> <p>Work carried out: Application of EIFS transition element consisting of rigid plastic and polystyrene with later integration into the insulation layer</p>

G Confirmation

I hereby confirm that my information provided in the present trades documentation is correct.

Place, date

Signature