

| user_proposition    |             |
|---------------------|-------------|
| user_proposition_id | INT(11)     |
| name                | VARCHAR(45) |
| adress              | VARCHAR(45) |
| zipcode             | INT(11)     |
| phone               | INT(11)     |
| email               | VARCHAR(90) |
| comments            | TEXT        |
| Indexes             |             |

| users    |             |
|----------|-------------|
| users_id | INT(11)     |
| email    | VARCHAR(90) |
| password | VARCHAR(45) |
| role     | VARCHAR(20) |
| Indexes  |             |

| cities   |             |
|----------|-------------|
| zipcode  | INT(11)     |
| cityname | VARCHAR(45) |

| roof_pitch    |               |
|---------------|---------------|
| roof_pitch_id | INT(11)       |
| pitch         | INT(11)       |
| factor        | DECIMAL(10,2) |
| Indexes       |               |

| orders              |             |
|---------------------|-------------|
| orders_id           | INT(11)     |
| user_proposition_id | INT(11)     |
| order_date          | TIMESTAMP   |
| status              | VARCHAR(45) |
| oc_width            | INT(11)     |
| oc_length           | INT(11)     |
| ots_width           | INT(11)     |
| ots_length          | INT(11)     |
| roof_type           | VARCHAR(45) |
| roof_material       | VARCHAR(90) |
| pitch               | INT(11)     |
| Indexes             |             |

| rafter_spacing    |               |
|-------------------|---------------|
| rafter_spacing_id | INT(11)       |
| category          | VARCHAR(45)   |
| beam_dimension    | VARCHAR(45)   |
| beam_spacing      | DECIMAL(10,2) |
| rafter_length     | DECIMAL(10,2) |
| Indexes           |               |

| roof          |             |
|---------------|-------------|
| roof_id       | INT(11)     |
| roof_type     | VARCHAR(45) |
| roof_category | VARCHAR(45) |
| roof_material | VARCHAR(90) |
| Indexes       |             |

| measurement_units    |            |
|----------------------|------------|
| measurement_units_id | INT(11)    |
| units                | INT(11)    |
| c_width              | TINYINT(4) |
| c_length             | TINYINT(4) |
| ts_width             | TINYINT(4) |
| ts_length            | TINYINT(4) |
| Indexes              |            |

| item_list      |               |
|----------------|---------------|
| item_list_id   | INT(11)       |
| material_type  | VARCHAR(45)   |
| material       | VARCHAR(45)   |
| description    | VARCHAR(90)   |
| quantity       | INT(11)       |
| unit           | VARCHAR(20)   |
| price_per_unit | DECIMAL(10,2) |
| Indexes        |               |

