

# Test Project

## *Painting and Decorating*

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## Introduction to Test Project

The Test Project for painting and decorating consists of, painting a door, colour-bands, wallpaper hanging, decoration, lettering and free painting technique.

The main design will be of the Söyembikä Tower (Tatar: Сөембикә манарасы; Russian: Башня Сююмбикэ), also called the *Khan's Mosque*, is probably the most familiar landmark and architectural symbol of Kazan. Once the highest structure of that city's kremlin, it used to be one of the so-called leaning towers. By the early 20th century, its inclination was estimated at 194 centimetres (76 in). Diverse stabilization methods were used to straighten the tower in the 1930s and 1990s, and it no longer leans.

The tower's construction date is enshrouded in mystery. Several scholars date its construction to the turn of the 17th and 18th centuries, when tiered towers were exceedingly popular in Russia.

Soyembika Tower is constructed in six tiers to the height of 58 metres (190feet)

A legend postulates that the tower was built more than a century earlier by Ivan the Terrible's artisans in just a week's time. As the legend goes, the Kazan queen Söyembikä threw herself down from the highest tier, hence the name. This legend has nothing to do with the real history of the tower because Söyembikä was forcibly detained by Muscovite forces in 1551 and moved to the city of Kasimov and died years later (and suicide is an unpardonable sin in the queen's Muslim faith). The legend was popular since the early 18th century.

Some even go as far as stating that the tower is the only extant structure from the pre-Russian Tatar citadel. If the tower really reflects some original features of Tatar architecture, then its design should have certainly influenced that of the Kremlin towers in Moscow. Supporters of the theory point out that the only similar structures were built in Central Asia, which was politically and culturally connected with the derelict Khanate of Kazan. Several facts point to the validity of this theory: the size of the masonry, the absence of documentary evidence supporting Russian building, the respect paid to the tower by the local Tatar population, and so forth.

In the Imperial period, the tower used to be topped with a double-headed eagle, which the Bolsheviks replaced with a red star. It is currently crowned with a Muslim crescent.

In the early twentieth century, the architect Alexey Shchusev reproduced the structure's outline in the Kazan Rail Station of Moscow

## Description of project and tasks

*The Competitor has to carry out, independently, the following tasks:*

- *all preparations of base walls and woodwork*
- *application of water-based filler, primer, undercoat, semi and gloss finish*
- *application with filling tools, paintbrush and paint roller*
- *preparation and application of wall hangings*
- *drawing and attaching a design*
- *attaching lettering and signs*
- *measuring points*
- *painting of colour bands*
- *application of a free painting technique of the Competitors own choice*
- *materials and tools for free technique must be brought by the Competitor.*
- *Pre-fabricated parts are allowed.*

## Instructions to the Competitor

*Workbox size for the Competitor: 2.0 m x 2.40 m x 3.0 m wide and 2.40 m high.*

*Between the corners of wall A and B / wall B 90 degree.*

*Open on the front side (facing the visitors).*

*Wall A (2.00 m x 2.40 m) for door and wall-paper hanging.*

*Wall B (3.00 m x 2.40 m) for decoration design and lettering, wall-paper hanging, colour bands and free painting technique.*

*Decoration design, lettering and measuring (approx. 9 hours)*

*Painting door, (approx. 6 hours)*

*Hanging wallpaper (approx. 1.5 hours)*

*Free technique - demonstrate personal abilities (approx. 2 hours)*

*Painting colour stripes and measuring (approx. 1.5 hour)*

***Total time 20 hours***



### WALL A: Door with moulding:

Surfaces are pre-coated. Abrade smooth, undercoat, and apply gloss or semi-gloss finish. If necessary you can fill the door with your own filler on the preparation day.

Door may be removed for filling and sanding, but it must be upright for painting. If the door is being painted when it is not hanging on hinges it must stand inside the Competitors work area. Hinges may be taped or removed and must be replaced before the end of the competition.

The paint for the outside of the moulding / section may be applied with a roller, brush or paint pad.

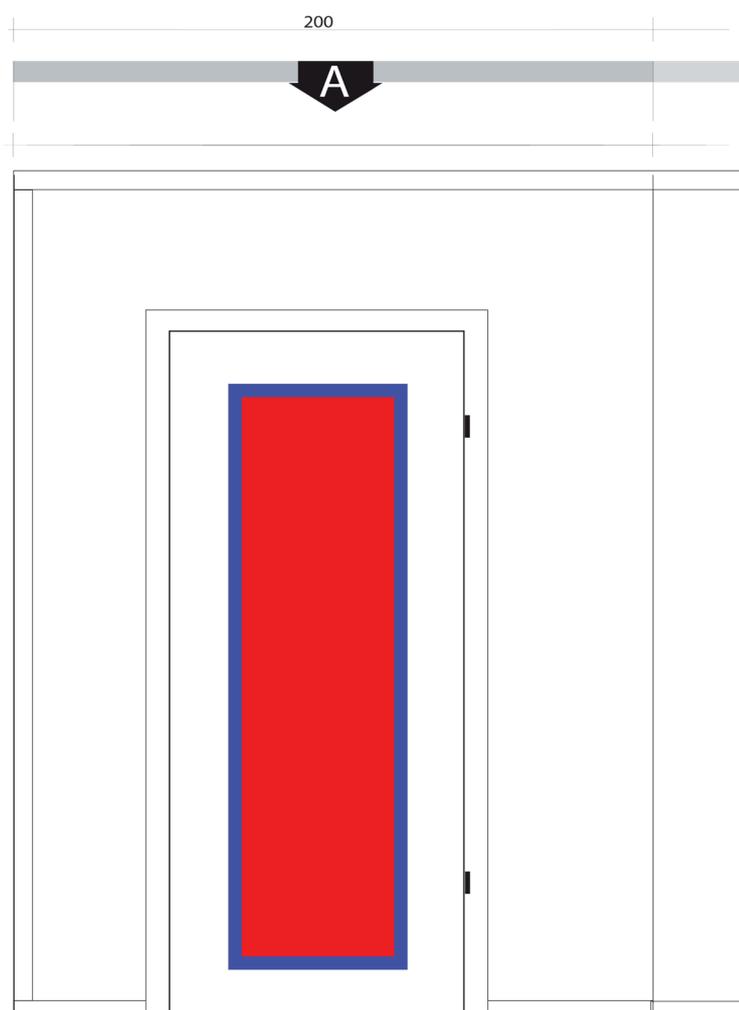
Spatulas or other painters' tools are not allowed. (Colour 1)

The moulding needs to be painted. (Colour 2)

The inside panel of the door must be masked and painted with a spray gun. (Colour 3)

Time to finish: Day 1 to day 3

Marking: 22.50 marks (of 100)



## Wallpaper:

The corner must be cut and must have an overlap between 2-10mm.

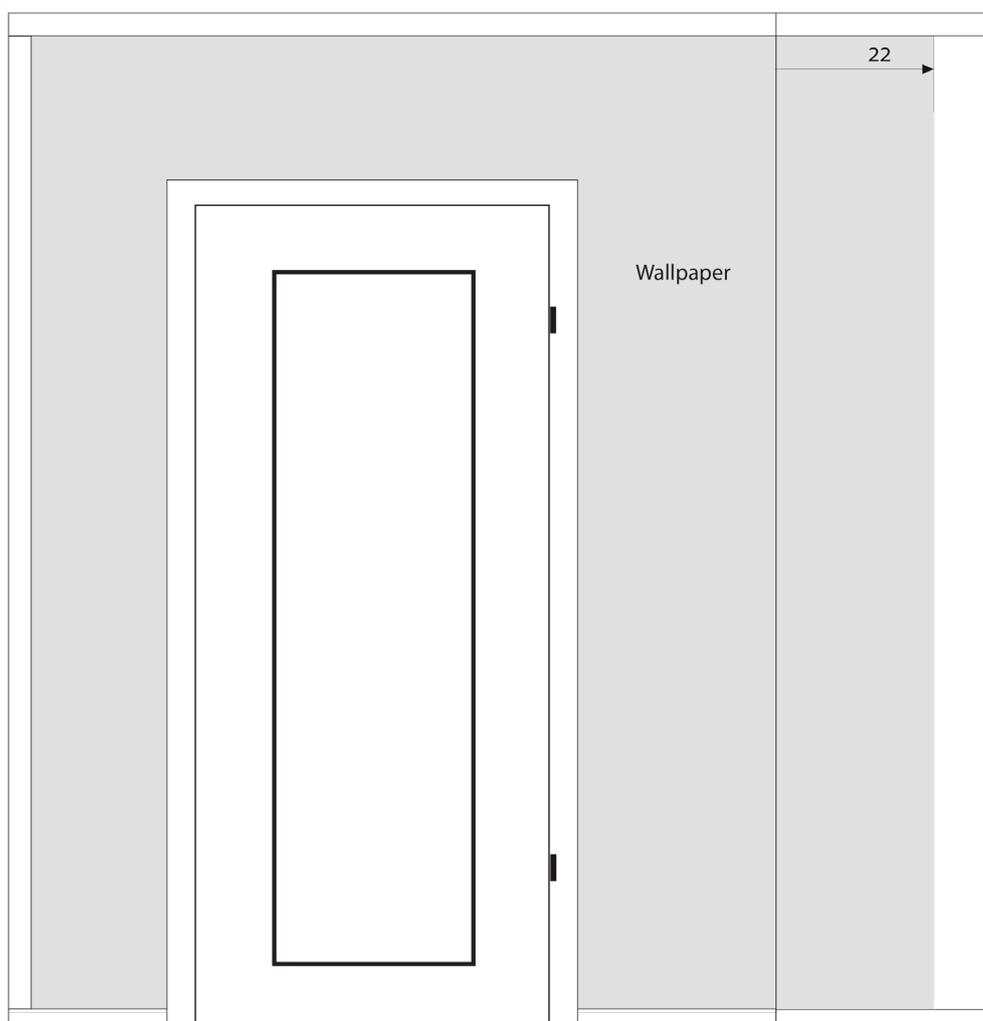
The measurements of the panel and the areas to apply the wallpaper are given on the plan. The work area is constructed from plasterboard and is prepared. The surface has to be prepared professionally in advance to allow for perfect papering of the wall (you may apply a sealer, glue size or PVA).

The wallpaper must be cut in the corners/angles. The glue/adhesive will be prepared by the Experts. The wallpaper is made by Mahburg "Collection La Veneziana 3, No 57919"

Prepare the panel. Hang wallpaper as per drawing. The paper must be matched correctly and hung vertically. Everybody will get two rolls. Top beading, window frame and skirting must be kept clean.

Time to finish: End of day 1

Marking: 18 marks (of 100)



## Wall B

The wall is ready painted with white colour.

**Design:** The measurements of the panel are 2300mm x 1750mm. The panel is manufactured from MDF and will have already been given an undercoat (white dispersion).

Construction of a given design and freehand painting without the use of masking tapes, masking films or masking shields. E.g. using paintbrush, roller and mahl stick/painter ruler.

All original colours will be provided, and must be applied as shown on the colour schedule.

The Design must not be drawn using a marker pen, only with a pencil. Guidelines should not be visible. It is not permitted to scratch with a knife after painting!

### Lettering:

The lettering "Kazan" and "2019" will be provided 1:1 as an already cut sign mask film, and has to be painted in the given colour.

Time to finish: Day 1 to day 3 Lettering (Kazan and 2019)

Day 1 to day 4 Design

Marking: 35 marks (of 100)







### Design Colours

1) NCS 1080-R	
2) NCS 0580-Y60R	
3) NCS 0580-Y	
4) NCS 1565-G	
5) NCS 1565B	
6) NCS 3060-R70B	
7) NCS 3055-R50B	
8) NCS 1005-Y20R	
9) NCS 0580-Y20R	
10) BLACK	
11) WHITE (Wallpaint)	

## Wall B

Wall: (the wall is ready painted, white colour)

### Colour design:

The measurements of the panel are 800mm x 2300mm. The working area is manufactured from MDF and will have been given an undercoat (white dispersion).

Experts must draw the mural for module 5 during the preparation days at the

Competition (C-2 to C-1). The Experts need to choose from a minimum of 2,

Maximum of 4 murals, which will be prepared at the competition and be designed so that there is no wet paint on wet paint.

### Colour matching

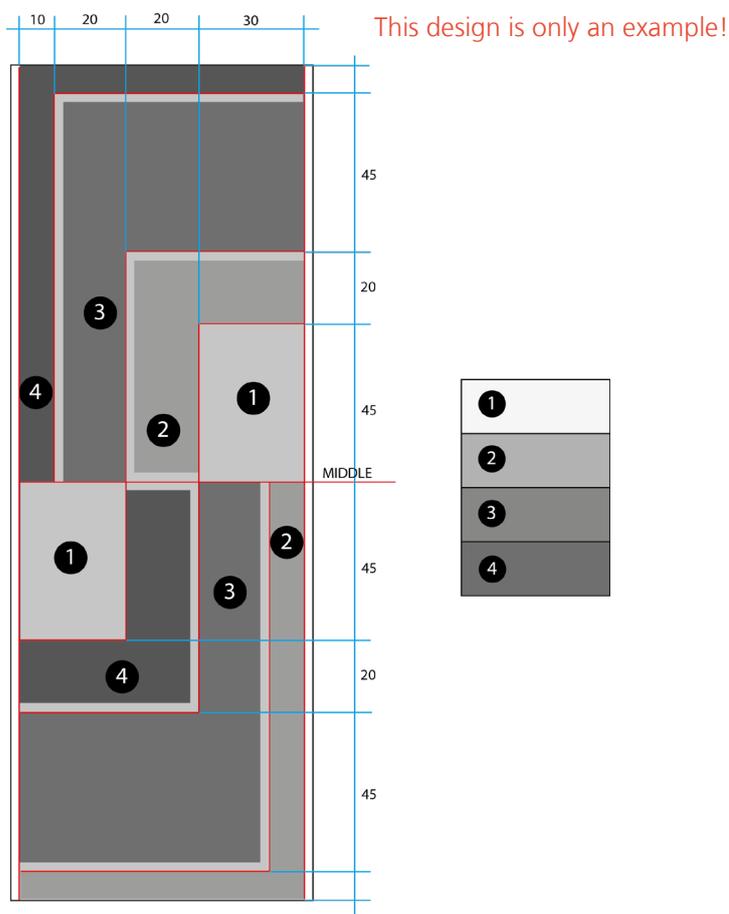
Mixing of 2 predetermined colours (1 and 4) and in harmonic nuances. (2 coloured grading.)

Construction of a given design on the panel and paint the sections with three colours according to the plan. The sections have to be masked by tape.

Time: Day 1, Colour mixing, preparation background,

Day 2 harmony design

Marking: 15.00 marks (of 100)



**Free technique:**

*Application of a decorative painting technique chosen by the Competitor. Materials/tools for this exercise must be brought by Competitor.*

*No wallpaper and glass fibre are allowed.*

*Also elements in three dimensions are not allowed.*

*Prefabricated templates are allowed (ready cut masking film).*

*The whole dimensional area must be covered by a manual technique. The use of pre-prepared materials for projection are permitted, however all techniques must be applied manually. The projection of a pattern via beamer or similar appliance must be done within the provided work space. All the work must be done within the work booth, which the Competitor must not leave.*

*The free technique module must include an info sheet, this is to be brought along to the Competition and include the following points:*

- Competitor name and country/region;
- Applied materials for the free technique (only water-based material);
- Layout for the free technique, without dimensions.

This Info sheet must be given to the Chief Expert before start the Competition. It will be appraised in module 3.

Layout for the free technique with coloured draft (plan) or coloured, printed photo, without dimensions. The Competitor needs to use the whole surface of the free technique panel.

*Time to finish: Day 1 to day 3*

*Marking: 9.50 marks (of 100)*

***Total working time: 20 hours***

# Tools, materials, equipment and personal protection, supplied by Competitors.

## FOR THE PAINT WORK

*Proper work clothing*

*Safety shoes / ear protection*

*Paint gloves (thin)*

*Dust mask P2 / P3*

*Filling knives*

*Paintbrushes for acrylic paint*

*Paint rollers for acrylic paint*

*Abrasive material for acrylic paint*

*Sanding paper for acrylic paint*

*Four paint pots (1 litre)*

*Paint pot with paint rooster*

*Cleaning cloth*

*Bucket with sponge*

*Materials including sanding paper or sanding products with must be brought by the Competitor, personal protection, work clothing, safety shoes, hand gloves for painting work, safety glasses.*

*Personal tools, paint rollers, brushes.*

## DRAW AND SIGNWORK

*Soft and hard drawing - pencil*

*Writing case and pen*

*Square and drawing-materials*

*Compasses / trammels*

*Measuring-instrument*

*Spirit / Water-level (1 metre)*

*Small and big pencil for acrylic paint*

*Paint pots*

## **COLOUR DESIGN**

*Paintbrush and pencil*

*Paint pots*

*Air heater*

*Extension cord*

*Spirit/Water-level (1.80 metre)*

## **FREE PAINTING TECHNIQUE**

*Design for free technique (prefabricated parts are not allowed)*

*Tools you need*

*Materials you need for free painting technique*

*Floor masking*

*Masking tape*

## **WALL PAPER HANGING**

*Paperhangers brush*

*Paperhangers tools (brush, snap-off blade knife, plumb bob)*

*Spirit/Water-level (1.80 metre)*

# Marking Scheme

Uploaded to the CIS.

## Other

*For Competitors: no use of mobile phones during the work on the competition floor.*

*You are allowed to use digital music players during the competition*

*Food and drinking is not allowed at the competition floor. (water and snacks are)*

*You need to use personal protection when necessary.*

*Wear proper work clothing.*

*Safety Shoes must be worn.*

*Cleaning of the working area after competition time.*

*For Experts: no use of mobile phones in the neighbourhood of the Competitors.*

*Experts must give the Competitors space on the competition floor, to do their work.*