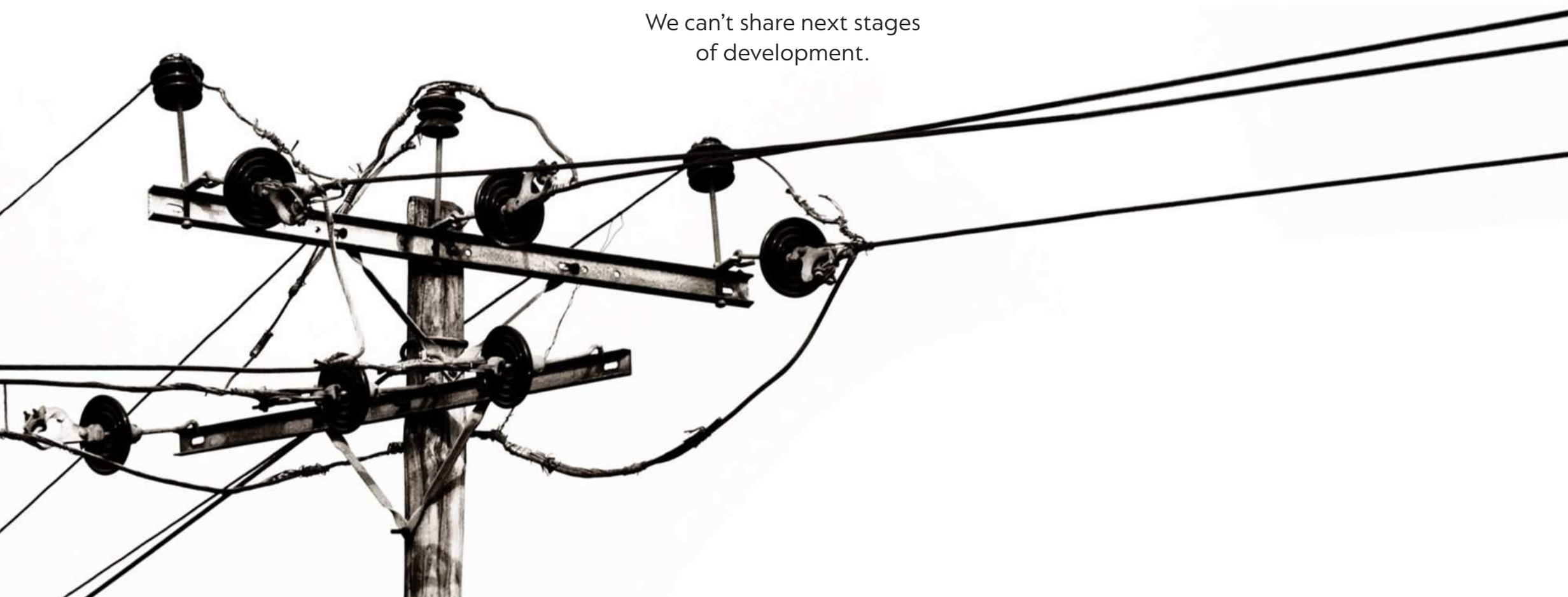
MAKHINA

Project:

XELEN

Research and innovation concepts.
Tools for painting and
plastering putty effects.

We can’t share next stages
of development.

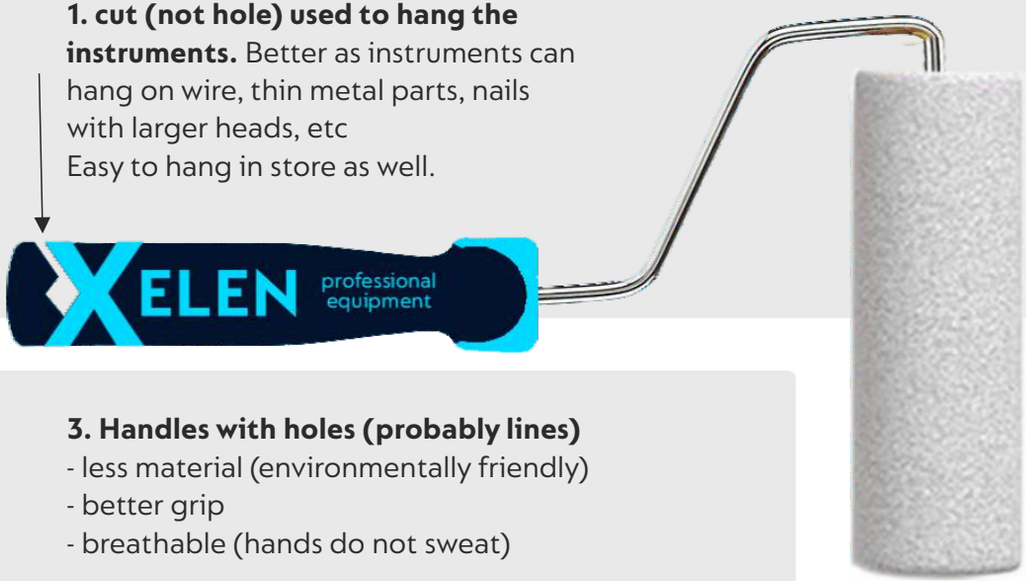


XELEN

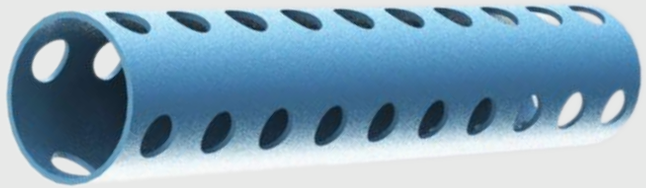
The name is example needed for demo branding.

1. General Innovations to all tools

1. cut (not hole) used to hang the instruments. Better as instruments can hang on wire, thin metal parts, nails with larger heads, etc
Easy to hang in store as well.



3. Handles with holes (probably lines)
- less material (environmentally friendly)
- better grip
- breathable (hands do not sweat)



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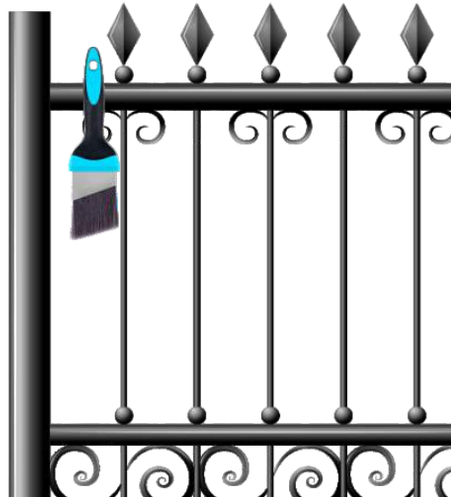
2. Magnet hole (to insert magnet) or magnet in the handles
Enables the tools to hook up:
- in store or storage
- during dangerous work to free the hands
- during work pause (clean solution)

*Similar concept from cosmetics



2. Relief effects

1. Relief roller with seamless random pattern

Reversing the tool creates additionally different texture, further enriching the effect.

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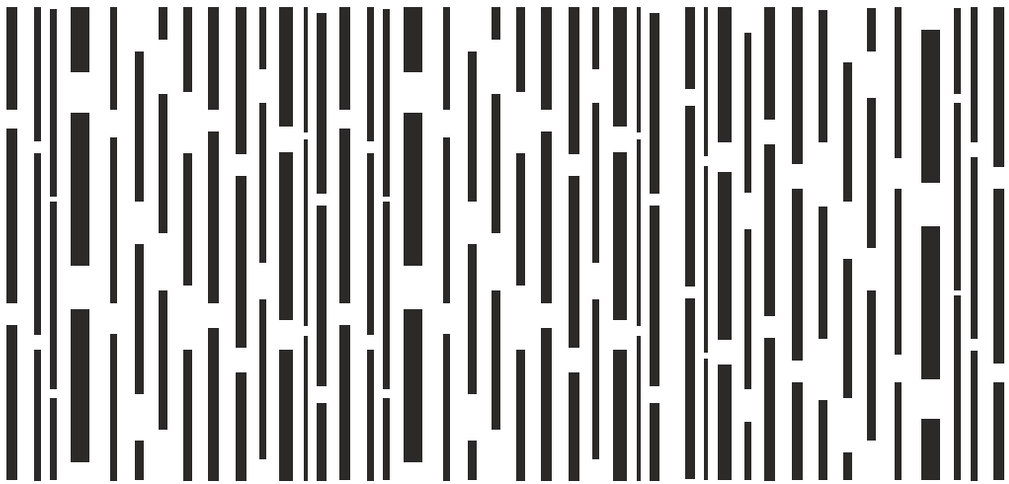
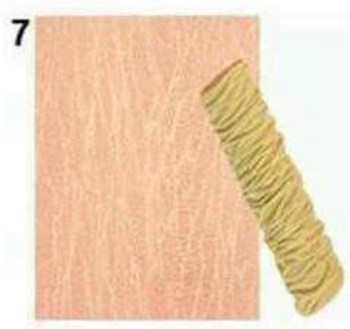
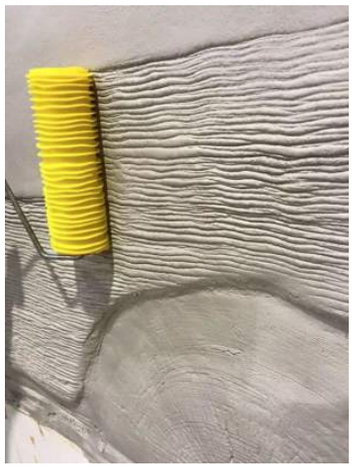
Existing examples



2. Rollers for paint effects. Can be uses for relief effects as well.

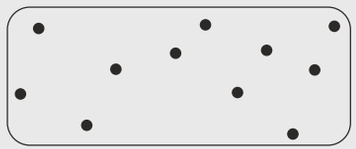




3. Brushes with different characteristics

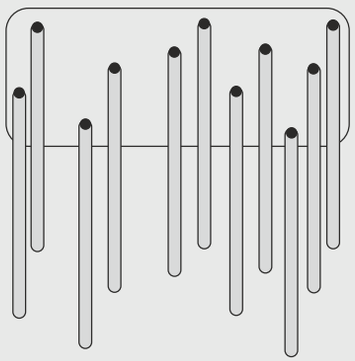
4. Tool for creating horizontal and vertical lines. Different shapes and sizes are available. The tool is also used for cleaning.

5. Tool that allow creation of lines over plastering putty.
Huge variability of the effects thanks to:
- different pressure
- direction and combination of different directions
- duration of movements

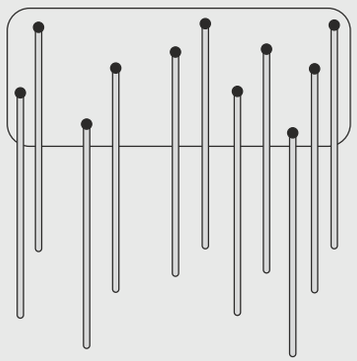


Form of the prominent parts

Traces at high pressure



Traces at low pressure



Different sizes and shapes are optionable

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7. Rollers for effects.
in order to make seamless paint user can`t remove the roller from the wall. That is why the roller need wetting part.

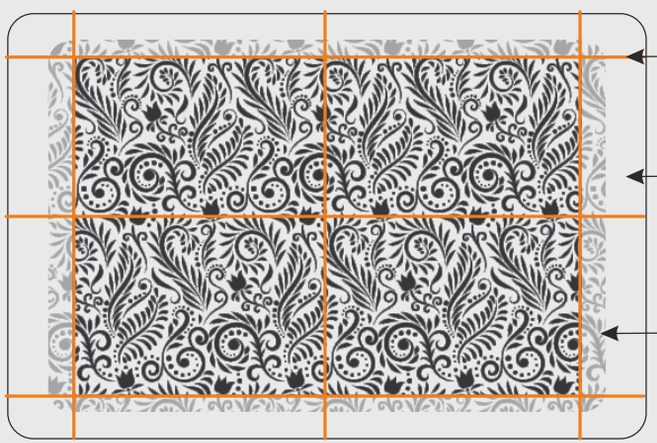
All relief rollers can be made to be attachable in a new solution, that will allow easy add/remove of the them.

6. Silicone paint stamp and relief template.

Technology allow to create complex relief forms with precision and quality unattainable any other way.

The innovative tool is transparent in order to see through it.
Step to use:
1. Wet the template with water (sprayer)
2. Place the template on correct place
3. Press with necessary force to change the relief of the plastering putty
4. Pull out
5. Wash
6. Use again

Tool can be used to paint by applying paint to it with roller and use it like a stamp.



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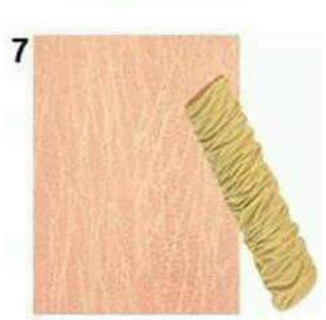
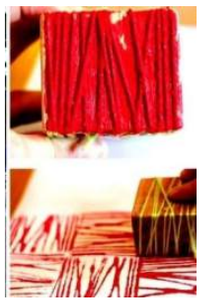
3. effects tools for paint and relief plaster

1. Rollers



2. Templates

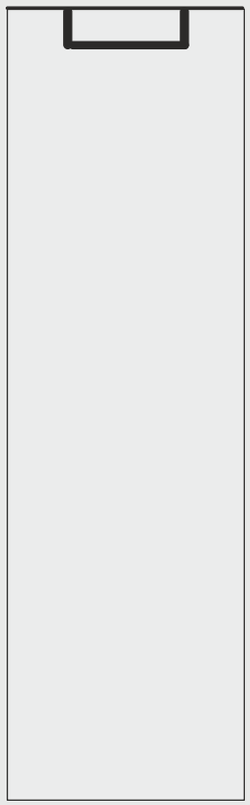


3. Brushes.

4. Pro templates for complex paint effects

Based on existing solution (right example).
This is professional template with handle to be pressed to the ceiling

- thick as needed
- easy to wash plastic



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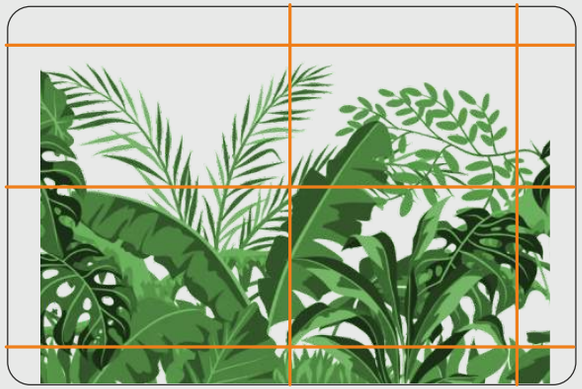
5. Tampons / stamps.

They can be from foam. After soaking with paint - several prints can be made (probably over 10)

Solution and test are needed - foam relief, texture, density or additional material. This way effect of drawing and light/shadows can be achieved, which will have a great application (clouds, light, plants, etc.).
User can add different colors on different parts of the stamp. We can develop seamless designs.



We have solutions to be adjustable like old matrix printing concepts

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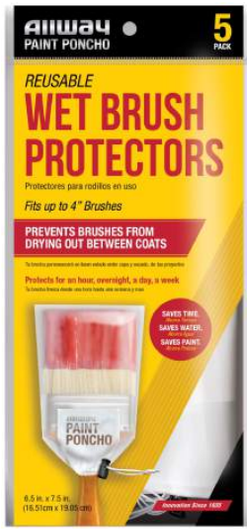
4. Tools to improve the painting process

1. Paint Poncho



2. Tray + ladder attachment.

3. Tray covers.

4. Effect spatula.

2, 3 or 4 sides for effects

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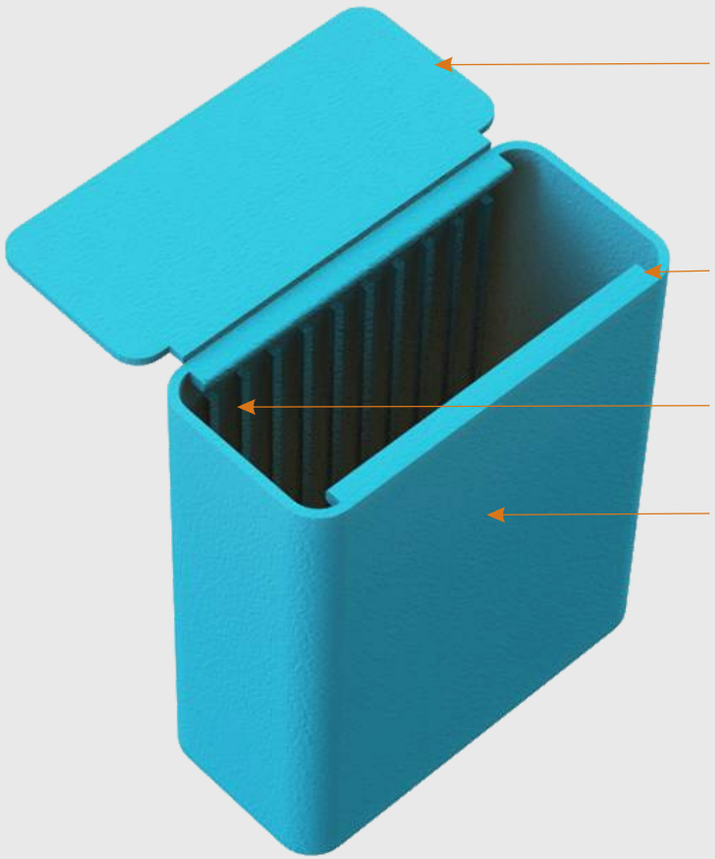
5. Paint bucket + brush magnet

6. Tools for preparation and finish painting.

7. Tool/pack for cleaning brushes.

Uses less amount of thinner to clean brushes.
Easy clean brushes thanks to special walls and properties.
Can be used as a small paint container when painting.
When closed it holds the thinner for long time and it can be used again



Closure allows the same thinner to be used when needed.

Protruding part helps in cleaning. When painting - to adjust the amount of paint on the brush.

Walls helping to clean

Plasticity allows to deform the top of the box (little) and squeeze the brush.

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8. Telescopic rod

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