

STEP-BY-STEP GUIDE

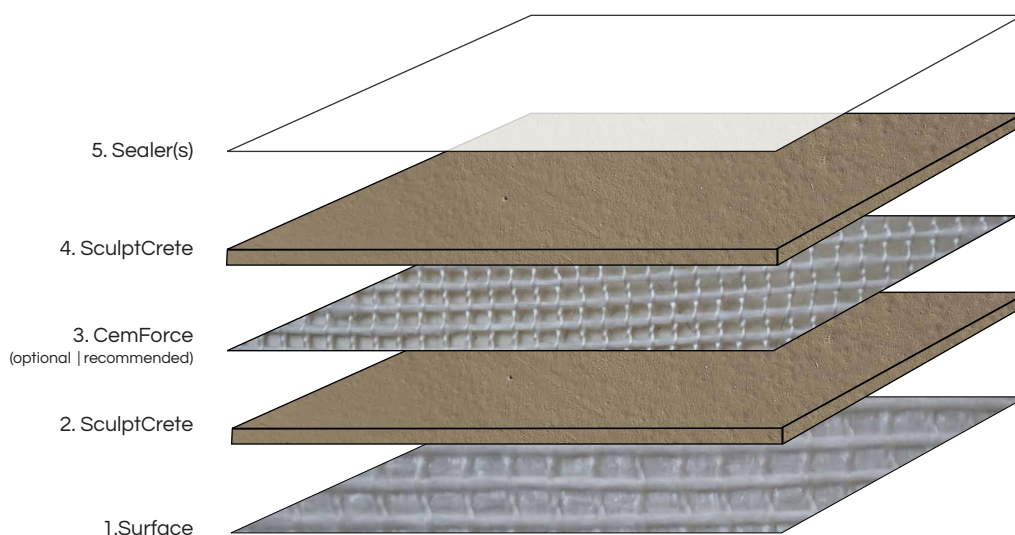
SculptCrete - Flat panel art piece



What do you need:

🔧 Tools	📄 Products	🏆 Difficulty
<ul style="list-style-type: none">• Trowel• Carving Tools	<ul style="list-style-type: none">• FlexBond• CemLam• CemForce (optional recommended)• SculptCrete• Sealer(s) of choice	★ ★ ★ ☆ ☆

The system:



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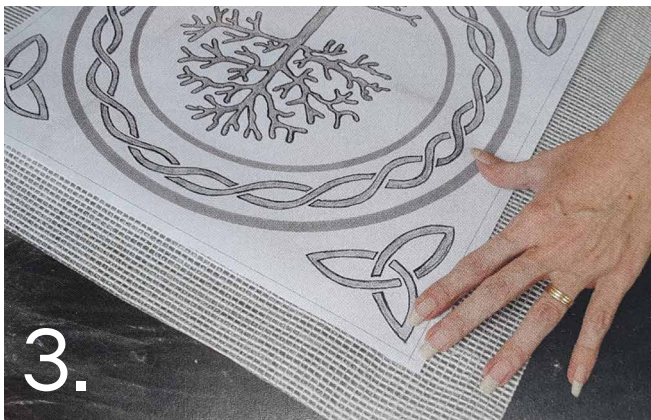
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1. In a suitable container, combine 1 volume of mixing liquid (1 volume FlexBond with 4 volumes water), and 2 volumes of SculptCrete powder.



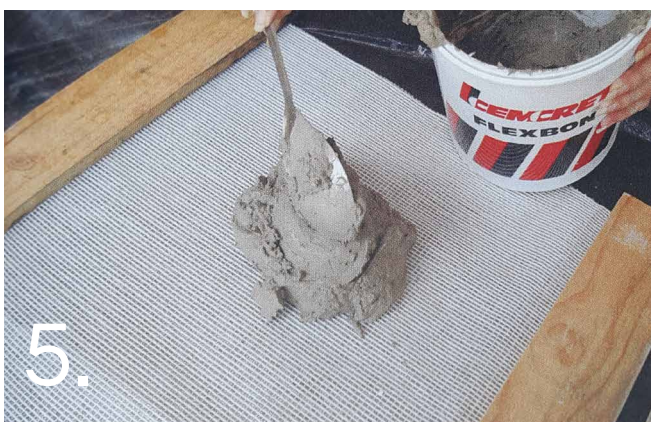
2. Mix to a paste with no slump. It may be necessary to add extra mixing liquid. The mix should not be too stiff.



3. Cut the CemLam to fit the design with a border of approximately 7cm.



4. Place pieces of wood on the side of the CemLam. This will act as a guide to ensure the correct thickness of the slab. It will also help create a level surface.



5. Place the SculptCrete mix onto the CemLam.



6. Use a trowel to spread evenly.

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7. The first application should be approximately half the completed thickness. Apply each coat while the previous coat is still damp. The surface should be roughened to ensure a good bond. For added strength, use CemForce between layers.



8. Place a layer of CemForce on the surface.



9. Spread flat.



10. Use a trowel to embed the CemForce into the surface.



11. Add another layer of the mix. SculptCrete can be applied in layers of about 20mm at a time.



12. Use a trowel to spread the SculptCrete evenly. The level of the SculptCrete should be slightly higher than the level of the wood.

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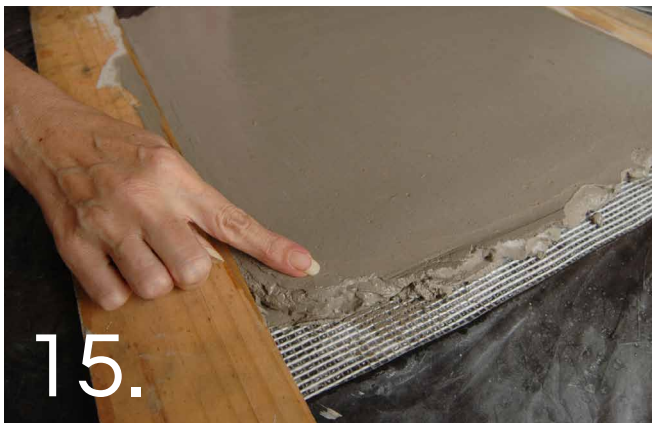
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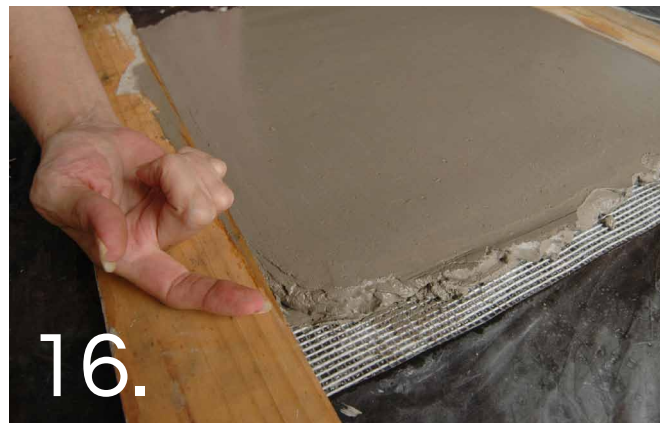
13. Use a piece of wood to level the surface. Press against the wood on the side and draw firmly to scrape the top away.



14. Use a trowel to smooth the surface and remove lines.



15. To test if the panel is ready for carving, press your finger into the surface gently.



16. If your finger comes away clean, the surface is ready for carving.



17. Lay a sheet of plastic over the surface. Smooth out air bubbles trapped under the plastic.



18. Place design over the plastic. Use pins to secure the corners.

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19. Use a pen to trace the design onto the slab.



20. Remove plastic.



21. Trace the design using a sharp instrument.



22. Carve as desired. Continue sculpting with a sharp object(s) to create various patterns as desired.



23. When the design is completed, cover with plastic and leave overnight. Remember to trim the edges. Replace plastic and spray with water 3 times during the next day. Leave overnight. Remove plastic and leave to dry for at least 3 days before sealing.



24. Seal using an appropriate Cemcrete Sealer in accordance with it's datasheet.

The panel may be used as is, or a latex (using Cemcrete's Mould Rubber Latex), or silicone mould could be made so that the panel can be cast in Cemcrete's TexCrete to create multiple identical pieces.

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SculptCrete - Additional Information



A. Many objects can be embedded into the SculptCrete for various effects and finishes. The SculptCrete can also be textured with a brush, sponge, etc.



B. Mosaics (or pebbles, etc) can be embedded into the SculptCrete.



C1. Wax can be applied to the completed (cured and sealed) piece...



C2. ... and then burnt with a torch for a darker rich finish.



D. Before sealing, the SculptCrete piece can be stained with Cemcrete's CreteStain. Once dry, seal using an appropriate Cemcrete Sealer in accordance with it's datasheet.

Important Information:

- SculptCrete is very simple to use. As long as the material is mixed properly, there is very little that cannot be done.
- It will retain a shape even when very wet.
- It will take extremely delicate carving and can be built up in layers. It can be applied in layers of about 20mm at a time.
- Larger shapes can be created using alternative materials, and then SculptCrete used to create a smooth final surface and to build up detail where required.
- The best way of understanding the properties of SculptCrete is to use it. This is a product with special properties that makes it indispensable part of any art environment.