

CORAL 3D CONCRETE PRINTER

SUPPORT &
CONSULTING

CORAL

3D CONCRETE PRINTING

FROM INDUSTRY EXPERTS



PACKAGE OVERVIEW

We are pleased to present our Coral 3D Concrete Support & Consulting Package, designed to ensure smooth and successful integration of our 3D printing technology into your operations.

This Package Includes

- **Additives recipe**
to optimize local mix design for printing
- **Test of printing capabilities**
testing on the printer with local mix
- **Operational support**
on-site setup, calibration and printer handling
- **Quality control**
test of printed elements for mechanical properties
- **Training**
on-site and remote instruction for your printing team
- **Design Advisory**
expert architectural guidance and data preparation for 3D printability

This Service Is Ideal if

- You are **renting the Coral 3D Printer** and need access to practical know-how and project support (see Coral 3D Printer – Rental)
- You have **purchased the Coral 3D Printer** and want to quickly bring your team up to speed with full operational readiness
- You are planning to invest in a 3D printed building with a **unique architectural** identity and need expert guidance to ensure the design is **optimized for 3D concrete printing**

For a detailed breakdown of services, pricing, and scheduling options, please refer to the following pages or contact our team directly.

CORAL TEAM SERVICES

Additives Recipe

To ensure reliable and high-quality results when working with region-specific materials, we offer a dedicated Material Testing service. This phase is essential to achieving consistent print performance with local inputs. Our system is designed to support the use of locally sourced materials, making the 3D printing process more cost-effective and adaptable compared to conventional methods. To make this possible, we conduct laboratory testing and material calibration to fine-tune the mix design. This includes:

- **Material scouting**
negotiating with local material suppliers to secure the necessary inputs
- **Input testing**
verifying the properties of input materials
- **Formulation optimization**
laboratory fine-tuning of formulations from input materials

The testing and optimization phase typically lasts 1 to 5 weeks, depending on the properties of local materials. The timeline may also vary based on project-specific requirements, desired quality standards, or compliance with certification procedures.

Material test	from €5,000 / test + samples material and transport cost
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Testing of Printing Capabilities

Testing on the 3D concrete printer is a necessary step for printing on site with use of local materials. Printing tests assure surface quality and buildability for further printing operations.

Test print	from €6,300 / test + logistic cost
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Operational Support

A dedicated team of three technicians will arrive at the printer delivery site. Comprehensive support for assembly, calibration and printing is provided on-site. The team is responsible for equipment setup, printer operation and ensuring consistent material flow and handling.

Operational support	from €1,000 / day + travel expenses
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Quality Control

Coral offers comprehensive testing of printed elements, focusing on mechanical properties, durability, and quality control of freshly printed elements. These tests verify buildability and surface quality to ensure consistent performance. All tests are conducted by an accredited laboratory, which issues formal reports suitable for submission to official authorities.

Quality control	from €1,000 / test + logistic cost
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Training

Training and support for 3DCP machine use. A five-day on-site training session is essential to equip your technicians with the skills needed to independently operate 3D concrete printing (3DCP) technology. Your team (up to 3 participants) will receive hands-on instruction from our experienced specialists. The training covers:

- **Printer operation and control**
- **Software usage, including slicing and G-code generation**
- **Routine maintenance procedures**
- **Health and safety protocols**
- **Best practices for material mix design and printing execution**

The price includes the complete training program and all necessary training materials	from €8,600 + travel expenses
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Remote support and consultation	from €50 / hr
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Design Advisory for 3D Concrete Printing

Effective 3D concrete printing starts with the right design. Traditional construction methods often rely on rigid wall systems that limit both creativity and efficiency. In contrast, Coral technology enables a new level of architectural freedom — allowing for flexible, expressive, and structurally optimized forms.

However, to fully leverage the benefits of 3D printing, the **building design must be adapted for printability**. This means rethinking geometry, detailing, and construction logic to align with the capabilities and constraints of digital fabrication.

We support our partners throughout the entire design process — from **early-stage ideation and concept development**, through **schematic design**, and into **detailed documentation** and **print-ready data preparation**.

Our services include the **review and conversion of architectural or structural models into formats compatible with the Coral 3D printing workflow**, ensuring that your vision can be realized accurately and efficiently.

Design Advisory for 3D Concrete Printing	from €65 / hr
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ADDITIONAL NOTES

Final pricing and rental conditions are subject to variation based on the destination country, local regulations, rental duration, project-specific factors, and customs requirements. All offers are conditional on location-specific compliance and operational feasibility. Prices are calculated based on actual costs and exclude VAT, local import duties, and any additional taxes, fees, or expenses arising from transportation, travel, accommodation, or subsistence. The offer may be revised in case of changes to the technical requirements.

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Please Contact Us

Tomáš Vránek
CEO
tomas.vranek@ice.cz
+420 602 768 944

Mike Garcia
US Sales Director
mike.garcia@coral3dcp.com
+1 770 231 9908

Štěpánka Krabcová
Global Sales Manager
stepanka.krabcova@coral3dcp.com
+420 739 665 205