

Terms of Reference

Exterior Painting of Sandwich Panel Container Classrooms with Epoxy

I. Introduction

Save the Children's work improves children's life and saves children's lives across 120 countries around the world, to ensure children have healthcare, food and shelter, as well as learning and child protection services when children need it most. We are committed to helping all children achieve their full potential by ensuring they grow up healthy, receive a good education, and stay safe.

At Save the Children Türkiye, we believe every child deserves a bright future. Since 2013, we have worked in Istanbul and Hatay to help children affected by the Syrian crisis, providing child protection, psychosocial support, early childhood education, and livelihood aid.

Following the devastating 2023 earthquakes, we rapidly expanded efforts to meet urgent needs in across the worst affected provinces, including Kahramanmaraş, Adıyaman and Gaziantep.

II. Background and Objective

SCI aims to improve the visual appearance and durability of the sandwich panel containers utilized as classrooms, with a specific focus on creating a more welcoming and child-friendly learning environment. In that context, SCI plans to apply epoxy paint on the outer surfaces of the sandwich panel containers to ensuring a durable and weather-resistant finish.

III. Scope of Work

a) Surface Preparation:

- Cleaning the exterior surfaces thoroughly to remove dust, dirt, and contaminants.
- Repairing any surface imperfections, cracks, or rust before painting.

b) Priming:

- Applying an epoxy-based primer suitable for metal or composite surfaces to enhance adhesion and durability of the paint.

c) Paint Application:

- Using high-quality epoxy paint formulated for exterior metal or composite surfaces.

- Applying paint evenly using suitable application tools (brush, roller, or spray) to achieve consistent coverage.
- Applying multiple thin coats, allowing sufficient drying time between coats.

d) Weather Conditions:

- Refrain from painting during severe weather conditions to ensure the best adhesion and curing of the paint.

e) Safety Measures:

- Adhere to safety protocols during surface preparation and painting, ensuring adequate ventilation and using appropriate personal protective equipment (PPE).

f) Compliance:

- Ensuring compliance with safety regulations and environmental standards during the painting process.

g) Documentation:

- The detailed records of materials used, surface preparation, paint application, and any deviations from the planned process should be documented and shared.

IV. Technical Specifications

a) Material:

- Two compounds epoxy paint
- It should be applied on metal and sandwich panel.
- It should not contain volatile organic compounds (VOCs).

b) Application base and dimensions:

- Application will be made to the sandwich panel container walls.
- Application will be made for a total of 19 containers. Each container is the same size, measuring 6m by 7m. The area to be painted is approximately 70 m² for each container and 1330 m² for the 19 containers. (5 CFSs, 11 TLSs, 1 Library, 1 Study Room and 1 Livelihood room.)
- Application will be also made for a total of 2 containers. Each container is the same size, measuring 3m by 7m. The area to be painted is approximately 54 m² for each container and 108 m² for the 2 containers. (2 Case Management Room)
- Windows and doors are not included to the application.



c) Application:

- Prior to painting, surfaces should be adequately primed with a suitable epoxy primer within a six-hour timeframe.
- Suggested application tools: brush, roller, spray gun

d) Colour Details:

- The colour code for 13 containers 6*7 m²: RAL 6034 pastel turquoise (11 TLSs, 1 Library and 1 Study Room)
- The colour code for 5 containers 6*7 m²: RAL 1018 zinc yellow (5 CFSs)
- The colour code for 1 container 6*7 m²: RAL 3020 (1 Livelihood Room)
- The colour code for 2 containers 3*7 m²: RAL 4010 (2 CM Room)

V. Requirements

- Materials utilized should be safe for children and devoid of any substances detrimental to health.
- The proposal should include preliminary preparation, materials, shipping, transportation and application.
- Materials should comply with the specifications, and in exceptional cases, material samples and colours should be shared in advance.



- The supplier should visit the area and see the containers before application, take exact measurements and carry out the application accordingly.
- The application and drying process will be made and completed during weekends when students are not in the classes.

VI. Inquires

Any inquiries about the ToR, should be directed to procurement.turkey@savethechildren.org.