

APPLICATION FORM - Submission Details

Submission Date : 11/03/2019 12:12 am

Unique Submission ID	273
Terms and Conditions acceptance	Yes
First Name	Anastasia
Middle Name	
Last Name	Stepanova
Artistic Name	ASTUTE
Team Members	2
Nationality	Russian
Gender	Female
Date of Birth	
Mobile Number	
Country	United States (US)
State / Province	California
Town / City	San Francisco
Street Address 1	
Street Address 2	
Postcode / Zip	
University (just for students)	
Document	
Document Number	

Prize Category	Design
Project Title	NERÓ
Source of the used material	Recycled Steel, Aluminum, PET & HDPE Recycled plastic
Type of plastic involved	PET & HDPE
Other materials involved	
Years of production	2019
Edition	unlimited
Weight and Dimensions	DOOR N001/ H 112“, W 30“,D 5” PENDANT LIGHT N002/ H 60“+, Ø 1 1/2” DINING TABLE N003/ H 30“W 40”L 80” BENCH / COFFEE TABLE N004/ H 18‘W 18”L 92”
Manufactured by	
Describe your project accurately and how you developed your idea	<p>RECYCLED PLASTIC & METAL + TEMPERATURE = NEW MATERIALS NEW LIFE From Ancient Greek nērós meaning “wet, damp”, from nearós meaning “young, fresh”, from the term nearón hūdōr meaning “fresh water”, and finally from skliró neró meaning “hard water” - water with a high concentration of dissolved minerals - the NERÓ collection represents infinite shapes of water. Water is the basis of life and is part of almost everything. It takes different forms and shapes. In this submission, phenomena of water is our main inspiration in discovering and creating new architectural materials and design objects by chemical synthesis. We aim to explore how recycled plastics, aluminum, and steel can be transformed into materials that can be employed in creating new objects and architectural elements. The idea is to create new life from recycled plastic and metal. In this submission, the furniture and/or architectural objects are made out of recycled shredded aluminum and steel scrap, clear PET plastics which are for example used in plastic bottles, and opaque HDPE plastics which are used to create objects with varying degrees of surface transparency. The process of creating architectural objects starts with melting down the metal scraps and partially filling the casting mold. After the metal solidifies, the form is filled with molten plastic to complete the mixed-material object. Next, the metal is treated with a caustic agent, such as lye, to create a wavy patterned surface representing water and its flow and also to create a stone effect. Finally, the surface is polished. A new design object, that represents water and a new life, is created from recycled material. The bench and the table objects, as well as the door, have a thin black metal frame made out of recycled steel. Steel/2500°F(1370°) :</p>

Aluminum/1220°F(660°C) : PET/500°F(260°C) :
HDPE/248°F(120°C)

Picture 1 - Cover	https://www.guiltlessplastic.com/wp-content/uploads/erf_uploads/2019/03/NERO-Picture-01-Cover-.pdf
Picture 2 - Designer Portrait	https://www.guiltlessplastic.com/wp-content/uploads/erf_uploads/2019/03/NERO-Picture-02-.pdf
Picture 3	https://www.guiltlessplastic.com/wp-content/uploads/erf_uploads/2019/03/NERO-Picture-03.pdf
Picture 4	https://www.guiltlessplastic.com/wp-content/uploads/erf_uploads/2019/03/NERO-Picture-04.pdf
Picture 6	https://www.guiltlessplastic.com/wp-content/uploads/erf_uploads/2019/03/NERO-Picture-06.pdf
Picture 7	https://www.guiltlessplastic.com/wp-content/uploads/erf_uploads/2019/03/NERO-Picture-07.pdf
Picture 8	https://www.guiltlessplastic.com/wp-content/uploads/erf_uploads/2019/03/NERO-Picture-08.pdf
Picture 9	https://www.guiltlessplastic.com/wp-content/uploads/erf_uploads/2019/03/NERO-Picture-09.pdf
Picture 10	https://www.guiltlessplastic.com/wp-content/uploads/erf_uploads/2019/03/NERO-Picture-10.pdf
URL	
URL	
URL	
URL	
Email	
Modified Date	