

WOCA AWARDS



Organizer: WORLD OF CONCRETE ASIA



Award Ceremony: 2021.11.30 | SHANGHAI, CHINA

About WOCA AWARDS

The WOCA Awards will be granted annually at the WORLD OF CONCRETE ASIA (WOCA) to contractors whose completed projects show outstanding testing results in certain quality features.

The WOCA Flooring Awards will recognize flooring projects that use a wide array of techniques and materials to construct residential, commercial and industrial flooring projects in China. Floor quality on these projects will be determined by conducting third-party test procedures to determine: **flatness**, **abrasion resistance** and **tensile adhesive strength**. The awards will be based on the **overall testing results** and will be monitored by a panel of flooring experts.

WOCA AWARDS aim to recognize **floor projects contractors** with **outstanding engineering quality**.

Application Time:

2021.06.02– 08.31

Award Ceremony:

2021.11.30

Shanghai, China

Judgment Criteria:

Multiply the corresponding coefficients according to the detection data of each dimension, and then add up.

The project with highest total score in each flooring type are gold award winners in that type. The second and third were awarded the silver award.

Flooring Types

- ✓ Concrete Surface Floor
- ✓ Cementitious Mortar Surface Floor
- ✓ Resin Floor

Judgment Criteria

- ✓ Flatness
- ✓ Abrasion Resistance
- ✓ Tensile Adhesive Strength

Evaluation Standards

- ✓ ASTM E -1155
- ✓ BS EN 13892-4:2002
- ✓ ASTM C 1583

For different floor types, subdivide the categories

Flooring Types	Category
Concrete Floor	Concrete flooring direct finished as the wearing surface
	Concrete flooring with dry shake finish
	Concrete flooring grinded with liquid densifier
	Concrete flooring with dry shake finish and liquid densifier
Cementitious Mortar Floor	Polymer modified cementitious self levelling wearing screed
	Polymer modified cementitious wearing screed
	Polyurethane modified cementitious wearing screed
	Epoxy modified cementitious wearing screed
	Polymer modified cementitious mortar base-layer covered with Cementitious terrazzo
Resin Floor	Concrete bases/cement sand levelling screed covered by type 1 ~ 3 synthetic resin floorings from the table 1 of BS 8204-6
	Concrete bases/cement sand levelling screed covered by type 4 ~ 5 synthetic resin floorings from the table 1 of BS 8204-6
	Concrete bases/cement sand levelling screed covered by type 6 ~ 8 synthetic resin floorings from the table 1 of BS 8204-6
	Concrete bases/cement sand levelling screed covered by epoxy terrazzo top layer

On-site Testing Items

For different floor types, different dimensions need to be tested.

Item	Concrete Surface Floor	Cementitious Mortar Surface Floor	Resin Floor
Flatness	√	√	√
Abrasion Resistance	√	√	-
Tensile Adhesive Strength	-	√	√

√ : Test
 - : Don't test

Add up the score for each test proportionally, and award according to the total score.

Measuring Equipment

Flatness — — Dipstick

Evaluation Standard:

ASTM E-1155



Measuring Equipment

Abrasion Resistance — NMY-1

Evaluation Standard:

BS EN 13892-4:2002



Measuring Equipment

PosiTest AT-A Automatic

Evaluation Standard:

ASTM C1583

