

**Project:**

Atlas Honda Ltd. production facilities

**Location:**

Karachi, Pakistan  
Lahore, Pakistan

**Project completed:**

2016

**Owner/s:**

Atlas Group

**Applicator/Contractor:**

Alchemy Enterprise

**Designer/Architect/Specifier:**

Collaborative Design

**Market sector:**

Automotive

**Products used & amounts:**

Ucrete MF – 20,000 m<sup>2</sup>

Ucrete UD200 – 3,000 m<sup>2</sup>

Ucrete DPTC – 10,000 m<sup>2</sup>

## Atlas Honda Ltd.

High performance flooring solutions for exceptional durability



Our reference in Engine Assembly Shop, (Pakistan): Atlas Honda Karachi Plant

### The background

Atlas Honda Ltd., part of the larger Atlas Group, a joint venture partners of Honda for two/ four wheelers and GS Yuasa for battery manufacturing. It is one of the major manufacturer of two/four wheeler vehicle in Pakistan.

Located in Karachi and Lahore, Atlas Honda Ltd.'s production facility flooring is subjected to heavy traffic of fork lifts carrying metal parts, metal sheets and die-pressing machines thus require a flooring solutions with good performance, long lasting and durable.

### The challenge

Epoxy flooring has always been Atlas Honda Ltd. preference due to its glossy surface finish and wide range of colors.

Atlas Honda Ltd. was working on 1-Million Project to increase their production capacity from 0.8 to 1 million motorcycles per year.

The challenge was to have a long lasting and durable flooring solution, with multiple color options for workplace management, fast application and short curing time to minimize any loss in planned yearly production.

**Contact:**

Muhammad Arham Iqbal Siddiqui

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### Our solution

Master Builders Solutions presented Ucrete MF, Ucrete UD200 and Ucrete DPTC as a holistic solutions to meet the flooring requirements of Atlas Honda Ltd.

A trial area was installed to demonstrate and affirm the performance of Ucrete to Atlas Honda Ltd. Ucrete UD200 sample patch was applied in the die-pressing workshop which is subjected to heavy traffic of forklift carrying metal parts, metal sheets and die-pressing machines

### The customer's benefit

- Ucrete is wear and impact resistant, durable with long life expectancy, minimizes cost and time of any future refurbishment
- Hygienic and safe. Ucrete is slip resistant, non-tainting, non-dusting, monolithic (minimum joints), easy to maintain and microbiologically inert
- Fast application. Can be applied to 6-day-old concrete or 2 day old polymer screeds
- Short curing time minimize production downtime, 8 hour access to foot traffic; 24 hours for vehicles
- Standard flooring specifications for Atlas Group which helps to simplify material selection process
- Multiple colors for selection

### Projects facts at a glance

- 7,000m<sup>2</sup> of Ucrete installed in Karachi Plant and 13,000m<sup>2</sup> of Ucrete installed at Lahore Plant of Atlas Honda Ltd.
- Main floor area (working area) is Grey, with Yellow stripes to bifurcate Green walkways
- Not even a single production unit was lost during the well-planned applications of Ucrete floors. Short curing time of Ucrete enabled production shutdown time to be minimal
- Workplace management improved by the multiple color applications

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Master Builders Solutions is built on the experience gained from more than a century in the construction industry. At the core of the Master Builders Solutions brand is the combined know-how and experience of a global community of construction experts, who connect with you to solve all of your construction challenges.

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