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# Precast Benefits Checklist

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## Aesthetic Versatility

- Precast concrete can be molded into any shape or size
- Precast concrete can be almost any color
- Precast concrete can have a variety of finishes to meet your design vision



## Interior Environment

- No emissions from concrete into the air
- Naturally resistant to insects and rot so requires no chemical treating
- Concrete is stable throughout its life
- Maintains constant temperature indoors for high degree of comfort
- Does not burn



## Pre-Installation

- Higher quality than on-site concrete due to advanced engineering
  - Extremely uniform<sup>1</sup>
- Product can be quality checked before it is installed on site



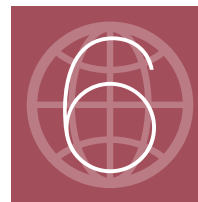
## Installation

- Arrives on site ready to install
- Ease of installation, no special rigging is required<sup>2</sup>
- Reduction in the need for skilled labor
- No need for reinforcing steel or concrete to be present on site<sup>3</sup>



## Structural

- Durability
  - Precast concrete is expected to have a service life in excess of 100 years
  - It's strength gradually increases over time<sup>4</sup>
  - Less ongoing maintenance equates to a lower lifetime costs<sup>5</sup>



## Sustainability<sup>6</sup>

- Use of locally available materials
- Precast concrete can be reused or recycled



## Affordability

- Combines the quality of factory production with low cost material<sup>7</sup>

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1. <http://precast.org/precast-possibilities/why-precast/>

2. <http://precast.org/precast-possibilities/why-precast/>

3. <http://precast.org/precast-possibilities/why-precast/>

4. <http://precast.org/precast-possibilities/why-precast/>

5. <http://precast.org/precast-possibilities/why-precast/>

6. <http://www.bibm.eu/precast-concrete/10-reasons-for-choosing-precast-concrete?id=1058>

7. <http://www.bibm.eu/precast-concrete/10-reasons-for-choosing-precast-concrete?id=1058>