



SCULPTURE TECHNICAL SPECIFICATION

WIA014L GIRAFFE

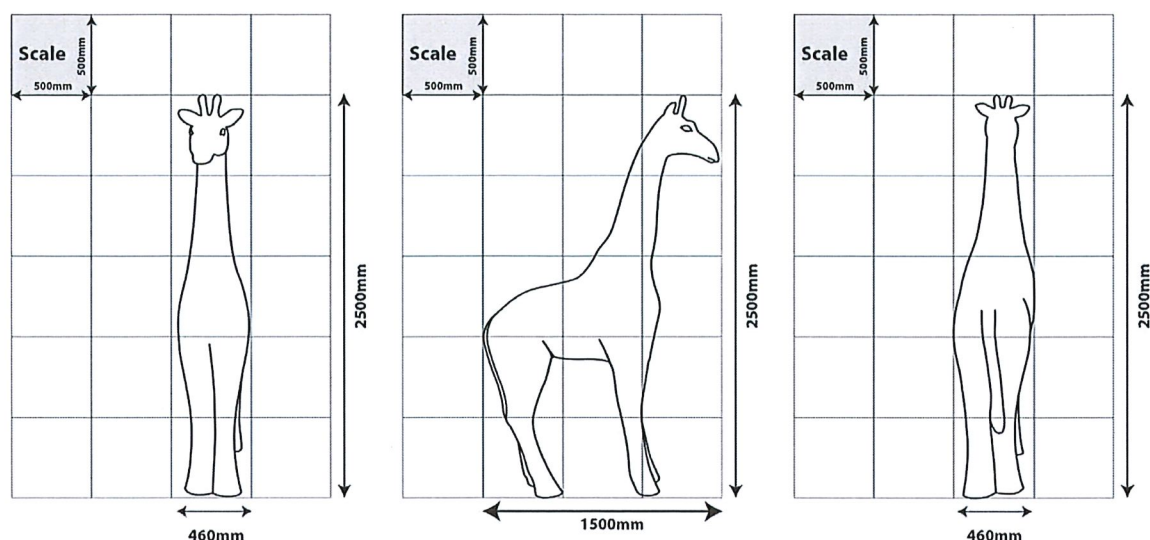
Wild in Art's Giraffe sculpture was designed by our Creative Director, Christopher Wilkinson, and is based on an adult wild giraffe. The original design was then further developed into a large three-dimensional form by leading model makers.

Our Giraffe is constructed primarily of a Glass Reinforced Plastic (GRP) structure and using our years of technical expertise we have developed the following techniques, which are detailed below, to fabricate our Giraffe sculpture to the highest standards of quality and safety. The sculpture is finished with a white primer and is supplied ready to be painted.

Dimensions of Sculpture

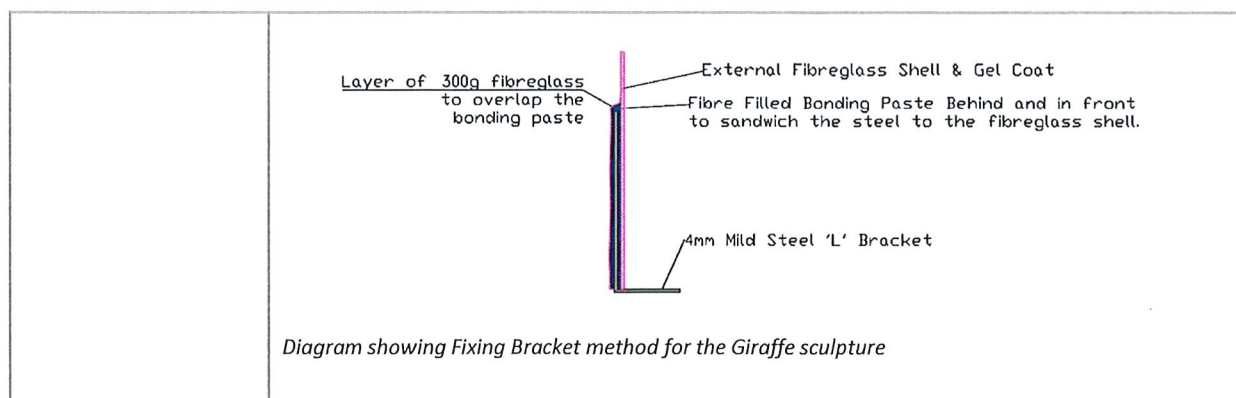
	Large Production Sculpture
Height, to top of head	2500mm
Length	1500mm
Width	460mm
Weight	40kg

Note: although our sculptures are manufactured from a single design molding there may be minor variations to the dimensions, particularly the weight



Method of Manufacture

Element of sculpture	Technique and materials
Giraffe Body	Hand laminated hollow fibreglass shell in GRP / General Purpose Fibreglass. A minimum of three layers of 300g matting which overlaps and is hand laminated and rolled down to promote meshing of the matrix and removal of air bubbles.
Joining of Seams	<p>Where possible all joints/seams are joined by laminations of 300g/m² density mat and general purpose fibreglass resin, from the inside of the statue's body to create a smooth outer finish.</p> <p>Wherever access to the joints/seams is too difficult, these are joined using a thixotropic polyester bonding paste; Enguard by Ashland, followed by lamination over uncured bonding paste using a single layer of 300g/m² density mat and general purpose fibreglass resin on the outside of the statue body.</p>
Steelwork and Fixings Brackets	<p>Fixing Brackets: The sculpture has four 4mm thick steel fixing brackets, one at the base of each leg. The two front and two back legs are moulded as one to create a stronger more solid form than four separate legs. The brackets are 40mm wide, protruding approximately 50mm out from the sculpture. Each bracket has an 8mm diameter hole for the fixing bolts.</p> <p>The vertical internal section of the fixing brackets extends 150-200mm, depending on the internal shape, and are bonded internally to the base using Enguard, by Ashland, bonding paste to secure and strengthen the join. They are then covered with a layer of GRP (fibreglass) internally.</p>



Manufacture Materials Used (from exterior to interior)

	Material / Manufacturer
Exterior	a) Sprayed 1k White Inter Troton Acrylic Primer. Second coat
	b) Sprayed 1k White Inter Troton Acrylic Primer. First coat
	c) Polyester Bodyfiller in filled sections and seams. Inter Troton
	d) Gelcoat 2; Maxguard NP//H by Ashland. Partially sanded/keyed.
	e) Gelcoat 1; Maxguard NP//H by Ashland.
Interior	f) Min. of 3x Layers of 300g/m ² density fibreglass mat with a General Purpose Polyester resin. (AROPOL M 105 TB, Low Styrene Emission Resin is this mostly used but this can varies from batch to batch of sculptures based on availability)

Artist Materials

	Materials
Exterior	Urban Hygiene Varnish - Easy On Clear Gloss Anti-graffiti Coating
Interior	Paint (as applied by artist, acrylic paint, Posca pens etc)

**Fire-Retardancy**

	Further Details
Manufacturing Materials: GRP	General Purpose Fibreglass mat with general purpose resin (AROPOL M 105 TB, Low Styrene Emission Resin)
Gelcoat	Maxguard NP//H by Ashland
Artist Materials: Urban Hygiene Varnish - Easy On Clear Gloss Anti-graffiti Coating	Class 0 Fire rated

Note: Please see Appendices for product details and Data Sheets



SCULPTURE TECHNICAL SPECIFICATION

WIA003L ASIAN ELEPHANT

Wild in Art's Asian Elephant sculpture was designed by our Creative Director, Christopher Wilkinson, and is based on an adult Asiatic, or Asian, elephant. The original design was then further developed into a large three-dimensional form by leading model makers.

Our Asian Elephant is constructed primarily of a Glass Reinforced Plastic (GRP) structure and using our years of technical expertise we have developed the following techniques, which are detailed below, to fabricate our Asian Elephant sculpture to the highest standards of quality and safety. The sculpture is finished with a white primer and is supplied ready to be painted.

Dimensions of Sculpture

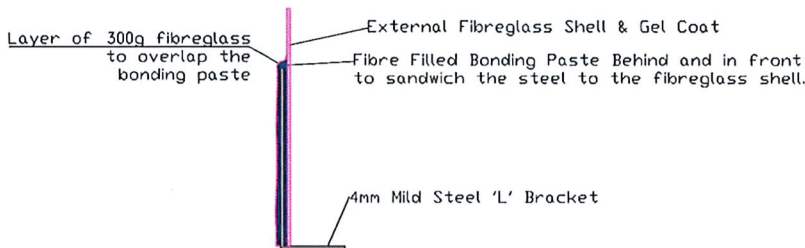
	Large Production Sculpture
Height, to top of up turned trunk	1600mm
Length, inc. fixing brackets	2200mm
Width, inc. fixing brackets	800mm
Weight	40kg

Note: although our sculptures are manufactured from a single design molding there may be minor variations to the dimensions, particularly the weight





Method of Manufacture

Element of sculpture	Technique and materials
Asian Elephant Body	Hand laminated hollow fibreglass shell in GRP / General Purpose Fibreglass. A minimum of three layers of 300g matting which overlaps and is hand laminated and rolled down to promote meshing of the matrix and removal of air bubbles.
Joining of Seams	<p>Where possible all joints/seams are joined by laminations of 300g/m2 density mat and general purpose fibreglass resin, from the inside of the statue's body to create a smooth outer finish.</p> <p>Wherever access to the joints/seams is too difficult, these are joined using a thixotropic polyester bonding paste; Enguard by Ashland, followed by lamination over uncured bonding paste using a single layer of 300g/m2 density mat and general purpose fibreglass resin on the outside of the statue body.</p>
Steelwork and Fixings Brackets	<p>Fixing Brackets: The sculpture has four 4mm thick steel fixing brackets, one at the base of each leg, 40mm wide, protruding approximately 50mm out from the sculpture. Each bracket has an 8mm diameter hole for the fixing bolts. The vertical internal section of the fixing brackets extends 150-200mm, depending on the internal shape, and are bonded internally to the base using Enguard, by Ashland, bonding paste to secure and strengthen the join. They are then covered with a layer of GRP (fibreglass) internally.</p>  <p><i>Diagram showing Fixing Bracket method for the Asian Elephant sculpture</i></p>

Manufacture Materials Used (from exterior to interior)

	Material / Manufacturer
Exterior	a) Sprayed 1k White Inter Troton Acrylic Primer. Second coat
	b) Sprayed 1k White Inter Troton Acrylic Primer. First coat
	c) Polyester Bodyfiller in filled sections and seams. Inter Troton
	d) Gelcoat 2; Maxguard NP//H by Ashland. Partially sanded/keyed.
	e) Gelcoat 1; Maxguard NP//H by Ashland.



Interior	f) Min. of 3x Layers of 300g/m ² density fibreglass mat with a General Purpose Polyester resin. (AROPOL M 105 TB, Low Styrene Emission Resin is this mostly used but this can varies from batch to batch of sculptures based on availability)
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Artist Materials

	Materials
Exterior	Urban Hygiene Varnish - Easy On Clear Gloss Anti-graffiti Coating
Interior	Paint (as applied by artist, acrylic paint, Posca pens etc)

Fire-Retardancy

	Further Details
Manufacturing Materials: GRP	General Purpose Fibreglass mat with general purpose resin (AROPOL M 105 TB, Low Styrene Emission Resin)
Gelcoat	Maxguard NP//H by Ashland
Artist Materials: Urban Hygiene Varnish - Easy On Clear Gloss Anti-graffiti Coating	Class 0 Fire rated

Note: Please see Appendices for product details and Data Sheets

RHINO



Dimensions (mm)

Large: H 1340 x L 2250 x W 800

Medium: H 700 x L 1220 x W 400

Weight

Large: 40kg

Medium: 13kg

LION



Dimensions (mm)

Large: H 1250 x L 1700 x W 600

Medium: H 700 x L 1200 x W 400

Weight

Large: 40kg

Medium: 10kg

Materials

The lions are manufactured using a mixture of Class 2 fire retardant laminating resin and chopped roving fibreglass over an initial brushed-on layer of polyester gel coat. Each sculpture is finished with a primer and is ready to paint.



SCULPTURE TECHNICAL SPECIFICATION

WIA015L GORILLA

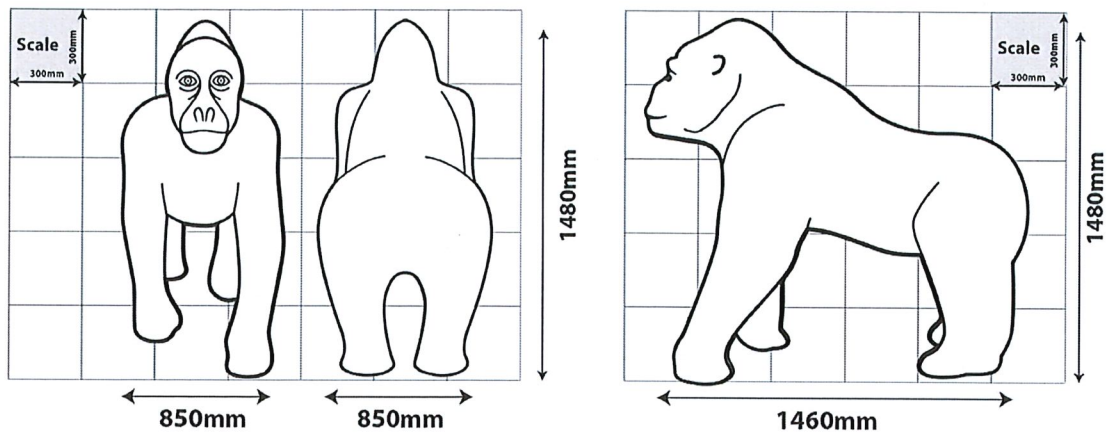
Wild in Art's Gorilla sculpture was designed by our Creative Director, Christopher Wilkinson, and is based on an adult western gorilla. The original design was then further developed into a large three-dimensional form by leading model makers.

Our Gorilla is constructed primarily of a Glass Reinforced Plastic (GRP) structure and using our years of technical expertise we have developed the following techniques, which are detailed below, to fabricate our Gorilla sculpture to the highest standards of quality and safety. The sculpture is finished with a white primer and is supplied ready to be painted.

Dimensions of Sculpture

	Large Production Sculpture
Height, to top of head	1480mm
Length, including brackets	1460mm
Width, including fixing brackets	850mm
Weight	40kg

Note: although our sculptures are manufactured from a single design molding there may be minor variations to the dimensions, particularly the weight



Method of Manufacture

Element of sculpture	Technique and materials
Gorilla Body	Hand laminated hollow fibreglass shell in GRP / General Purpose Fibreglass. A minimum of three layers of 300g matting which overlaps and is hand laminated and rolled down to promote meshing of the matrix and removal of air bubbles.
Joining of Seams	<p>Where possible all joints/seams are joined by laminations of 300g/m² density mat and general purpose fibreglass resin, from the inside of the statue's body to create a smooth outer finish.</p> <p>Wherever access to the joints/seams is too difficult, these are joined using a thixotropic polyester bonding paste; Enguard by Ashland, followed by lamination over uncured bonding paste using a single layer of 300g/m² density mat and general purpose fibreglass resin on the outside of the statue body.</p>
Steelwork and Fixings Brackets	<p>Fixing Brackets: The sculpture has four 4mm thick steel fixing brackets, one at the base of each leg and arm. These are 40mm wide and protrude approximately 50mm out from the sculpture. Each bracket has an 8mm diameter hole for the fixing bolts. The vertical internal section of the fixing brackets extends 150-200mm, depending on the internal shape, and are bonded internally to the base using Enguard, by Ashland, bonding paste to secure and strengthen the join. They are then covered with a layer of GRP (fibreglass) internally.</p> <p><i>Diagram showing Fixing Bracket method for the Gorilla sculpture</i></p>



Manufacture Materials Used (from exterior to interior)

	Material / Manufacturer
Exterior	a) Sprayed 1k White Inter Troton Acrylic Primer. Second coat
	b) Sprayed 1k White Inter Troton Acrylic Primer. First coat
	c) Polyester Bodyfiller in filled sections and seams. Inter Troton
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Interior	f) Min. of 3x Layers of 300g/m ² density fibreglass mat with a General Purpose Polyester resin. (AROPOL M 105 TB, Low Styrene Emission Resin is this mostly used but this can varies from batch to batch of sculptures based on availability)

Artist Materials

	Materials
Exterior	Urban Hygiene Varnish - Easy On Clear Gloss Anti-graffiti Coating
Interior	Paint (as applied by artist, acrylic paint, Posca pens etc)

Fire-Retardancy

	Further Details
Manufacturing Materials: GRP	General Purpose Fibreglass mat with general purpose resin (AROPOL M 105 TB, Low Styrene Emission Resin)
Gelcoat	Maxguard NP//H by Ashland
Artist Materials: Urban Hygiene Varnish - Easy On Clear Gloss Anti-graffiti Coating	Class 0 Fire rated

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