



# Elmbridge Borough Council – Lot 4 Grove Rec

## KOMPAN Tender Response

KOMPAN Opp Ref: EN354007  
KOMPAN Quote Ref: SQ291715  
KOMPAN Ltd, Shirwell Crescent, Furzton  
Lake, Milton Keynes, MK4 1GA



# Contents

Play Area Design	Page 3
Product Sheets	Page 6
Vandalism (1.2.3.1) & (2.12)	Page 12
Colour Options (2.5)	Page 15







**Play Area Design**





SCAN ME  
to view our green  
journey brochure

Choose Green?  
We choose for you!  
All of our HDPE products  
are made from **95%**  
post consumer waste!  
**WOW!**



Universal Design.  
This playground has been designed  
for everyone to use, together.

AGE  
**6-12**  
RANGE

# Grovelands Rec Junior Tower Unit

Lot 4

Elmbridge Borough Council

**KOMPAN!**  
Let's play

Cliff Rider

Viewing  
Platforms

Bagister  
Bars

Climbing  
Pods

Swaying  
Play  
Shells

Wall Climber

Pole  
Vaulters

Fireman's  
Pole

Wall Climber



Swaying  
Play  
Shells

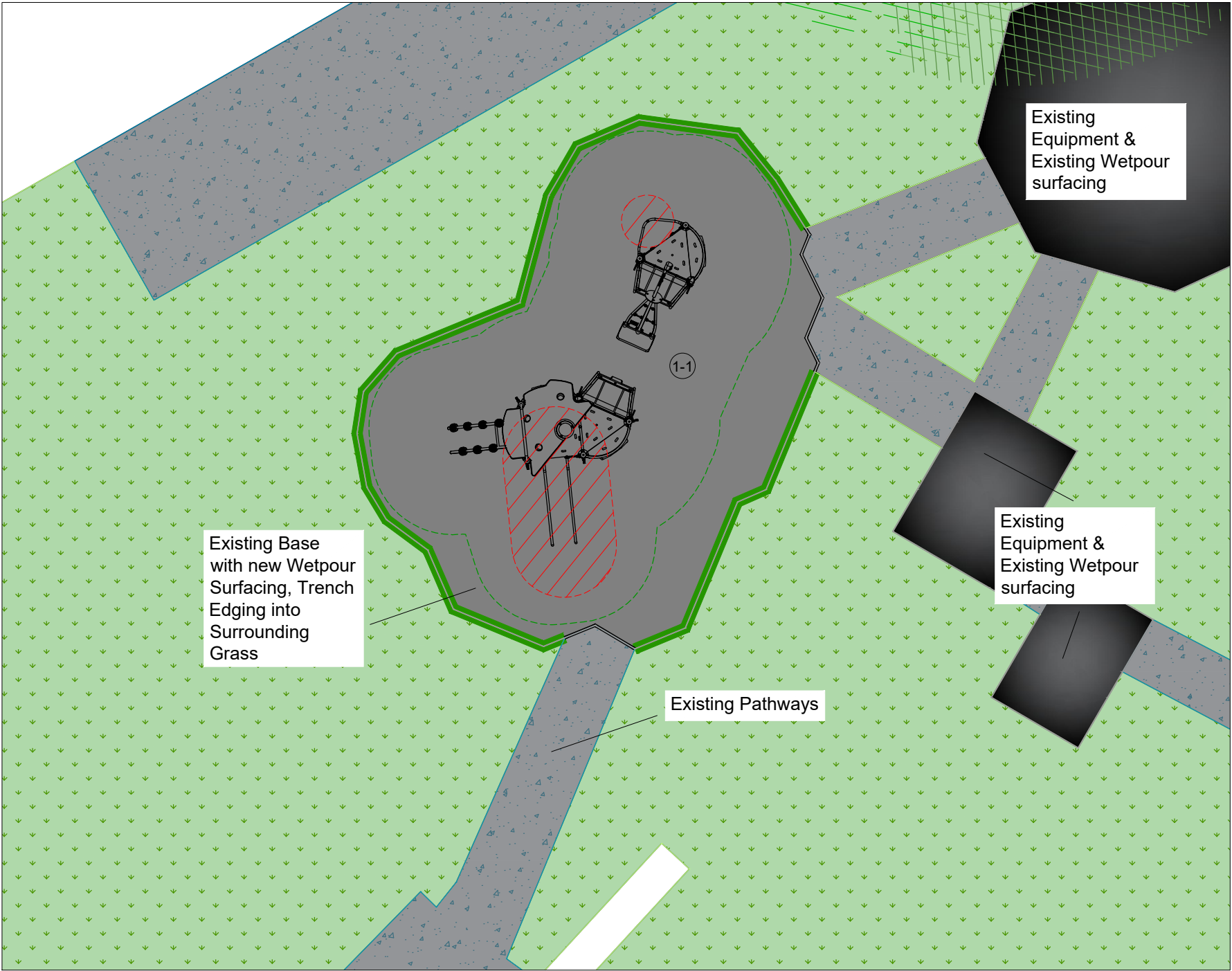


Climbing  
Pods

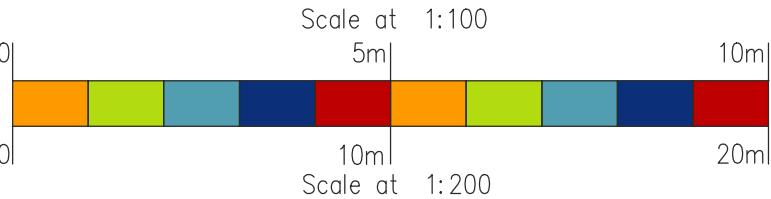
DRAWING: S.T. NOTE: PLEASE DO NOT SCALE FROM THIS DRAWING. THIS DRAWING IS NOT TO SCALE. THIS IS PURELY AN ARTIST'S IMPRESSION.

# GROVELANDS REC JUNIOR TOWER UNIT

ELMBRIDGE BOROUGH COUNCIL



Label: 1  
Product Number: PCE211621-CUSTOM\_20275216  
Product Name: Cliff Rider Extreme  
Maximum Fall Height: 210cm  
Total Height: 463cm  
Age Span: 6+  
Inclusive: No  
Count: 1



Design assumes the site will be levelled by other (max. gradient 1:100), free draining and with good access

Quotation and design is submitted site unseen, we reserve the right, following a full site survey to amend the design appropriately.

Areas and dimensions shown are critical for compliance with European safety standards En1176 & En1177, If in doubt ask.

Grass areas should be well established prior to grass mat safety surfacing being laid.



KOMPAN Ltd.  
Serenity House  
Milton Keynes  
MK4 1GA

www.KOMPAN.co.uk  
T:01908 201002  
F:01908 201007  
E:KOMPAN.UK@KOMPAN.com

NOT FOR TENDER ISSUE.  
©copyright of this drawing remains the property of KOMPAN Ltd. and the KOMPAN group. This drawing may not be reproduced without prior permission of KOMPAN Ltd.  
Any infringement will be pursued.

Project		Designed by
LOT_4_GROVELANDS_REC_JUNIOR_TOWER_UNIT		S.T
Client	Date	Scale
ELMBRIDGE_BOROUGH_COUNCIL	13/03/2024	1:100@A3
Drawing No.		Revision
CAS-277214-C2F3T4		-





**Product Sheets**

# Cliff Rider Extreme

PCE211621






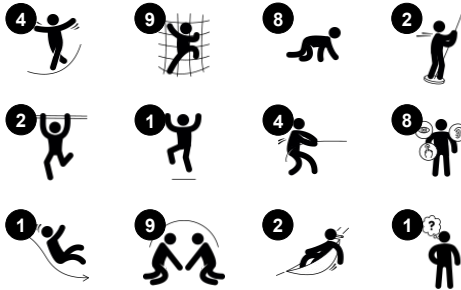
The wildly thrilling Cliff Rider Extreme hugely attract school age children with its repeated loops of action. Under the platform, swaying play shells invite a break. The intensely thrilling ride high up in the air, on a small footrest, is for the courageous. And those who aren't at the first go, get there with a little help from their friends. Till then, there is ample climbing and

gliding on the climbing walls, climbing cleats on poles and the fireman's pole. The Cliff Rider trains muscle force, tension, timing and sequencing of movements. Judging your body's movements, object control as well as timing is quite a complex task, but a necessary life skill that make it possible to navigate the body securely and confidently through

environments, e.g. street traffic. Furthermore, the self-confidence that children gain from overcoming their initial hesitations to travel on the Cliff Rider, is the more reason that they should.



Item no. PCE211621-0901	
General Product Information	
Dimensions LxWxH	587x821x463 cm
Age group	6+
Play capacity (users)	19
Colour options	  





# Cliff Rider Extreme Inclusivity

## Cliff Rider

Ride platform is made of supportive Ekogrip. Enables multiple children to play together. Multiple handhold positions at different heights. Platform can also be sat upon. **Physical:** pushing and pulling train major muscles. Timing and force of movement to make a smooth ride train proprioception and coordination. **Social-Emotional:** supports cooperating, turn-taking skills and empathy. Stepping into the open-air builds courage. **Cognitive:** the force and coordination of movements add to children's confidence and teach them important life skills.

## Spacious Launch Platform with Supportive Panels

Plenty of room on the textured anti-slip platform. Support panels with handgrips to aid access by all ages and abilities, also frame entrance to indicate change of area.



## Wide Moulded Decks with Handholds

Ample space is provided on the decks to enable movement and gathering. Decks have a non-skid pattern and textured surface. Handholds in deck facilitate movement.



## Den Space Under Unit

Space under units is a catalyst for play and interaction with other children.



## Supportive Rope Handholds

**Physical:** handhold provides good grip for less confident climbers. Pulling yourself up and in trains upper body muscles. **Social Emotional:** allows for a range of physical abilities to enter independently and securely, supporting play for all.



## Climbing walls

**Physical:** develops children's cross coordination, eye-hand coordination, and muscle strength when climbing. **Social Emotional:** two-sided climb invites cooperation.



## Fireman's Pole

**Physical:** coordination is supported when going down, as well as arm and core muscles. Landing strengthens bone density, which is built for life in early childhood. **Social Emotional:** turn-taking and risk-taking





# Cliff Rider Extreme

PCE211621



The pole vaulter pole is made of a welded steel construction with a 360° standing platform of Ekogrip. The double sided curved handles are made of EcoCore material. The pole combines superior ergonomics with outstanding functionality.



The rocking movement back and forth is controlled by a heavy duty scaled double rubber torsion spring element. The rubber element ensures a safe movement and reduces speed towards the tower platforms. The base cover of molded PE material with high impact resistance.



The curved start platforms are made of a curved stainless steel plate with non skid texture. The lower part of the platform is supported by a EcoCore board for safe foothold and the rubber bumper is placed to receive the pole.

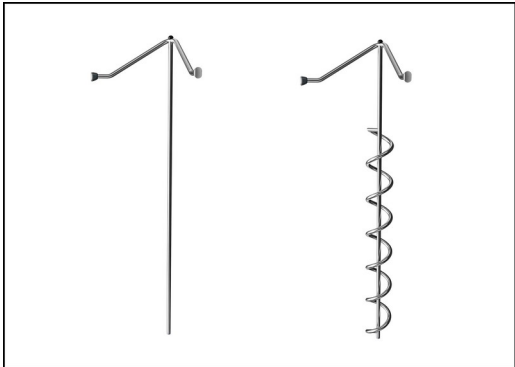
Item no. PCE211621-0901	
Installation Information	
Max. fall height	210 cm
Safety surfacing area	54.8 m²
Total installation time	30.8
Excavation volume	1.89 m³
Concrete volume	0.69 m³
Footing depth (standard)	90 cm
Shipment weight	982 kg
Anchoring options	Surface ✓ In-ground ✓
Warranty Information	
EcoCore HDPE	Lifetime
Hot dip galvanised steel	Lifetime
PP Decks	10 years
Post	10 years
Spare parts guaranteed	10 years



The climbing elements displayed are moulded in one piece with a minimum 5mm wall thickness. The climbing elements are made of recyclable PE which has a high impact resistance across a wide temperature span which ensures vandal resistance in all locations.



The main posts are made of high quality pregalvanized steel with powder coated top finish. Post tops are closed with caps of UV stabilized nylon (PA6). The grey colored molded decks are made of 75% post-consumer waste PP material with a non-skid pattern and texture surface. All decks are supported by unique designed low-carbon aluminum profiles with multiple attachment options.



The stainless-steel activities are made of high-quality stainless steel. The steel is cleaned by a total pickling process after manufacturing to ensure a smooth and clean gliding surfaces.



# Cliff Rider Extreme

PCE211621



Cradle to Gate A1-A3	Total CO <sub>2</sub> emission	CO <sub>2</sub> e/kg	Recycled materials
	kg CO <sub>2</sub> e	kg CO <sub>2</sub> e/kg	%
PCE211621-0901	2,223.70	2.93	46.70

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

## Verification of CO<sub>2</sub> calculation of: Play systems



Data version no. 2023-10-05

The CO<sub>2</sub> calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Play systems" represented by item no.: PCM200321-0950.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

Date: 30. October 2023 | Valid until: 30. October 2025

Verified by:

Julie Marie Vejsgaard Larsen, LCA & EPD Consultant

Verification based on report: Validation of CO<sub>2</sub> calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

Publication date: 30. October 2023



By Bureau Veritas HSE  
www.bureauveritas.dk  
+45 7731 1000



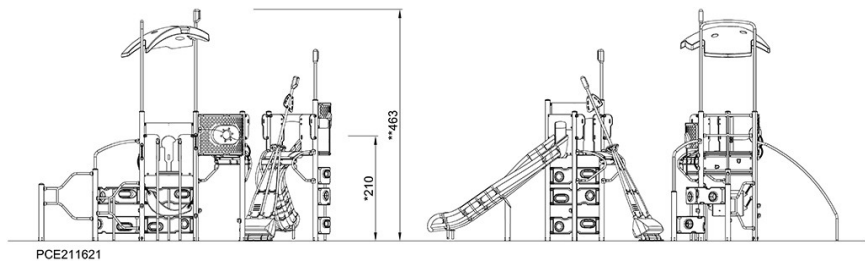
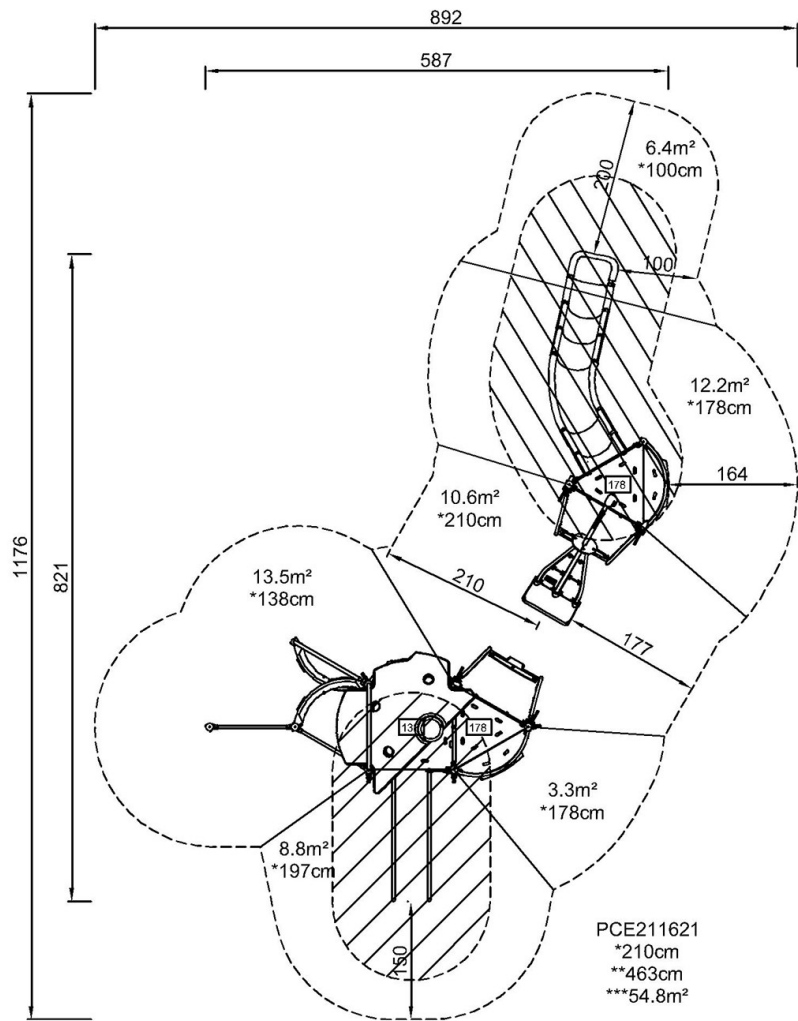


# Cliff Rider Extreme

PCE211621

\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

\* Max fall height | \*\* Total height



[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)



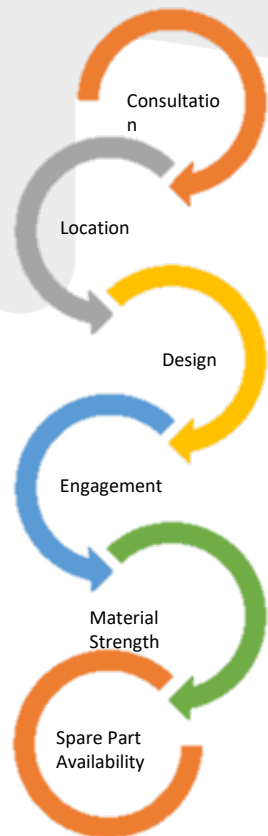
**Vandalism (1.2.3.1) & (2.12)**



# Resistance to Vandalism

At KOMPAN, we understand the upset, frustration and expense that will result from vandalism of an outdoor play, sport and fitness site, so we suggest a six-step model that will improve the success of the site in terms of providing resistance to vandalism.

Many play companies will focus on reducing the effect of vandalism and only talk about material strength and spare parts, but at KOMPAN we also focus on the reducing the cause through the first four stages of consultation, location, design and engagement.



## Consultation

Involving the community from the start and understanding their needs will give the project a far greater chance of engagement and ownership once the playground is completed and handed over. Talk to KOMPAN about how we can help.

## Location

A location with good visibility into the site from as many sides as possible is preferred; the more eyes and people watching, the less chance of anti-social behaviour.

## Design

Our designer will work with you to design in transparency of the equipment, limit the potential for damage and graffiti and direct children to preferred hang out areas. The use of lighting and cameras may be considered if budget allows.

## Engagement

A community that loves the playground are more likely to informally police the area and report anti-social behaviour sooner rather than later, Community engagement throughout the process is key and an opening event will bring everyone together.

## Material Strength

Our designer will work with you to ensure the best fit material solution for you project

## Spare Part Availability

A rapid response to damaged or worn-out equipment will reduce the frustration and potential for further anti-social behaviour caused by out of service equipment.

# Resistance to Vandalism

KOMPAN Playgrounds must withstand the wear and tear of weather, heavy usage, and vandalism. Using the highest quality materials that need minimum maintenance, our play spaces look great for decades, and therefore are heavily used, which means it helps deter vandals, as most vandalism occurs when play spaces are little used or look unkept.

To help reduce the risk of vandalism and theft KOMPAN have examined as many ways as possible to introduce measures that also reduce on going replacement costs throughout the lifetime of the equipment.

Included in the measures are: -

- ✦ Bolt connections are secured and covered with tamper proof infill caps designed to fit within our fixings and require a special KOMPAN tool (supplied with the product) for removal of the fixing.
- ✦ Uncovered bolt connections are provided with special anti-theft torx applications which can only be loosened with special tools ensuring you have tamper/vandal proof fittings.
- ✦ Ropes are more robust than other manufacturers as within the rope, are galvanized 6 stranded steel wires and steel core, impossible to wear through. Each strand is wrapped in PES yarn which is then melted onto each strand making each rope highly vandalism resistance.
- ✦ Play Panels are made of EcoCore which is a highly vandal resistant material against breaking or if scratched the colour is not affected. Maximum UV protection prevents fading in the sun.
- ✦ KOMPAN basket seats are designed with vandalism in mind. Most existing seats provided in the market have edges and baskets wrapped in rope which are notorious for being unraveled or burnt, whereas KOMPAN Shell Nest seat have a solid structure and edges.
- ✦ All KOMPAN swings have Anti Twist mechanisms as standard, “the only company to do this”, to stop vandals twisting seats to make them higher and over time causing damage to the seats and chains. Anti-Wrap bearings can also be fitted, which helps reduce to damage to the cross bar when seats and chains are wrapped around them.
- ✦ HPL Decks are 18mm thick. This thickness makes the decks stronger and helps stop breakages through vandalism.
- ✦ Equipment that has a Powder Coated finish has Galvanised steel so should the powder coat surface be damaged through vandalism; the risk of rusting is greatly reduced.
- ✦ You will find lot of posts, spindles, handrails, bars, seat frames etc. are constructed using galvanized round bar, or tubing. This is because it makes components stronger and able to withstand Vandalism better.





**Colour Options 2.5**

# Colour options - Cliff Rider Extreme

Within our proposal we will supply a Cliff Rider Extreme which has multiple colour options you are able to choose from.





