TECHRAMPS.com



Offer no.:	Location	
OF2009092NW	Horomerice – Czech Republic	
Option	Track finishing element:	
PRESTIGE		
Warranty:	Laminated dark pluwood waterproof + Pampling mat	
• 3 years for the track finishing element	Lammated, dark plywood, waterproor + Kampine mat	
• 3 years for the structure		

SKATEPARK COST ESTIMATE

ltem.	Delivery item - elements	Qty	Dimensions in cm (Lenght, width, height)	Prices in PLN
1	Miniramp H150	1	935x488x150	110 583
	Shipping		~ 570 km	4 000
	Assembly	1		21 100
Total c	ost of the skatepark with assembly:	135 683 zł		

Offer valid until 31.12.2020



TECHRAMPS CONCRETE



STO COUCEDE



FLOWPARKS

TECHRAMPS SP. Z 0.0. Spółka komandytowa UL. Organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@TECHRAMPS.com











SLO concept

D WAKEPRO

FLOWPARKS

TECHRAMPS SP. Z 0.0. Spółka komandytowa UL. Organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@techramps.com











SLO concept



FLQWPARKS

TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@TECHRAMPS.com







12,92 m



FLQWPARKS

TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@TECHRAMPS.com





SKATEPARK SPECIFICATION, PRESTIGE OPTION

This specification contains:

- I. Requirements for materials used in skatepark devices.
 - a) Device structure.
 - b) Riding surface finishing.
 - c) Protective handrails.
 - d) Steel.
 - e) Safety.
- II. Tolerances.
- III. Knowledge and experience.
- IV. List of appendices.
- V. Terms of Warranty in the Prestige option.

I. REQUIREMENTS FOR MATERIALS USED IN SKATEPARK DEVICES

1) SKATEPARK DEVICE STRUCTURE

a) Material

- Load-bearing (structural) boards must be made of dark, waterproof plywood, laminated on both sides, minimum 18 mm thick.
- Element modules must have openings of 12 mm in diameter in between particular beams. The openings are used for screwing particular modules together using galvanized M12 screws. External element openings are provided with additional ventilation function. All visible screws must be finished with a round head (*appendix 2*).
- Particular sections must be reinforced from the inside using 60x90mm beams, mounted with a minimum 250mm span, as per their central sections, and covered with an impregnant. In rear structures, 80x80mm beams lined with dark, waterproof, laminated plywood are admitted.
- A ventilation system made of HPL boards, 6m thick must be installed on the side boards of external structural panels, 18mm thick in such a way that gravitational air flow is ensured through the entire element (*appendix 2*).
- All side panels must be supported by insulated stands as to eliminate the absorption of humidity of these elements. Stands of this type will also provide additional ventilation (*appendix 2*).
- Screws mounted on the sides (of the structure) must be screwed in to level with the lining (before screwing-in, the holes must be drilled and milled on a CNC machine in order to make sure the screw head hides in the lining).





COUCEDPP.



FLQWPARKS

TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@techramps.com



- Structural beams must be screwed to load-bearing boards using steel-zinc-plated 6x140 Torx screws. A minimum of 2 screws must be located at the end of each beam.
- In order to make sure that beams are not pressed out of their place during use, their fixing must be secured by additional supports (inrun support, supporting structure). At least 80% of supporting beams must be additionally reinforced with supporting elements (*appendix 3*).
- Elements higher than 1m and wider than 1.8m must be equipped with a maintenance-inspection door (*appendix 4*).

b) Board jointing

TECHRAMPS.com

• In order to extend a load-bearing (structural) board, the interlocking puzzleelement structure must be applied in order to prevent particular elements from separating under strains and tensions (*appendix 1*).

b) Foundation layer (layer separating the riding surface from structural squared timber)

- In all arched sections, the foundation layer is made of dark, waterproof plywood, laminated on both sides, at lest 9mm thick (a 10mm thick version out of Polyethylene is admitted) and is screwed in to the structure using steel-zinc-plated 50x60 or 6x60 Torx screws.
- In all straight sections, the foundation layer is made of dark, waterproof plywood, laminated on both sides, at lest 18mm thick (a 12mm thick version out of Polyethylene is admitted) and is screwed in to the structure using steel-zinc-plated 50x60 or 6x60 Torx screws.

d) Quality and repeatability warranty

In order to increase the precision of finishing and repeatability of elements, all external and internal load-bearing (structural) boards must be cut using dedicated CNC* machines.

* Computerized Numerical Control (CNC).

2) RIDING SURFACE FINISHING

- 1. The riding surface must unconditionally be finished with a 6mm professional RampLine mat (a HPL variety with anti-slippery surface) screwed-in using steelzinc-plated 6x60 Spax or Torx screws.
- 2. 90% of all holes for screws must be drilled and milled to fit screw heads. Hole treatment must be made using a CNC machine.



TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INFO@TECHRAMPS.COM





- 3. 90% of all edges of the RampLine mat must be milled using a CNC machine (*appendix 5*).
- 4. All screw heads must be sunken in the outer layer of the riding surface finishing up to maximally 1 mm (screw heads must not protrude from the board surface).
- 5. Due to the thermal elongation factor of materials or the unevenness of groundwork, on which the element is standing, board joints may feature minor apertures. In this case, all such places must be sealed with sealing-adhesive mass (*appendix 5*).
- Due to the specification of their use, such elements as grindbox must be additionally secured on all sides of the riding surface with 6mm thick RampLine mat. This rule may be abandoned only when one of the sides (due to the location of the grindbox) is not used (*appendix 6*).

3) PROTECTIVE HANDRAILS

All 1m high or higher devices must be equipped with protective handrails along the back and sides of the platform (this condition does not apply to tall jumping funboxes, in which the installation of handrails may lead to raising the risk of accidents).

- Handrails must have vertical crossbeams in order to prevent anyone from climbing on them.
- The height of protective handrails above the platform must be at least 1.2m.
- The external frame of handrails must be made of galvanized steel, out of 30x30mm profiles and Ø16mm pipes, with spans observing the provisions of the effective PN-EN 14974 standard, as amended.
- Front and rear handrails must be screwed-in together using screws with metric threads.
- Handrails must be mounted to the ramps using SW 17ø10x90 hexagonal wood screws (*appendix 7*).

4) STEEL

Handrails and other steel elements must be made of zinc-plated steel.

Coping must be made of a zinc-plated steel pipe of 48 to 60.3 mm in diameter. Coping must be mounted to the platforms using steel-zinc-plated 6x60 Spax or Torx screws. Pipe endings must be capped with steel end-caps in order to prevent anyone from hurting themselves (*appendix 8*).

When it comes to grindboxes, coping may consist in 50x30x2mm steel profiles.



TECHRAMPS CONCRETE







TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@TECHRAMPS.COM



- **On platforms**, where coping is installed, additional sheet metal layers, 3 mm thick and **120mm wide** must be installed along the coping in order to secure the riding surface against mechanical damages (appendix 8).
- All angle irons must be rounded on bends (cold-rolled steel), plus their endings must be rounded as well.
- Sliding rails must be mounted on 6mm sheet metal of 60x300mm and must be screwedin to the foundation using 6x60 Spax or Torx screws.
- All holes and openings in sheet metal must be drilled and milled to hide the screw heads after screwing-in.
- All inrun sheet metal layers must be 350÷400mm wide and 3mm thick. In addition, they must be mounted to structural elements using steel-zinc-plated 6x40 or 6x60 Spax screws and must rest on a minimum 60mm structure.
- The groundwork for sheet metal must be milled. Sheet metal must adjoin the foundation layer in order to create a smooth riding surface (*appendix 9*).
- In corners and edges of pyramids, metal thresholds must create smooth passages.
- **All exposed edges** of the RampLine mat must be secured with galvanized steel angle irons, 3mm thick and 30÷50mm wide. The angle irons must be mounted along the central line every 250mm using 4x60 or 6x60 Spax or Torx screws. On arched elements, angle irons must be **rolled** *appendix 10* (cutting angle irons or applying flat bars is unacceptable).
- Upper fitting on the shorter sides of grindboxes must be always leveled with the board surface. If the grindbox is wider than 60cm, then the longer angle iron must be also leveled with the board surface. In other cases, it may be mounted on the board. The fitting must be made of an angle iron of min. 50x50mm and of at least 3mm in wall thickness (*appendix 11*).

5) SAFETY

TECHRAMPS.com

- 1. An instruction manual on the use of the skatepark must be always posted in a visible place at the entrance to the skatepark (*appendix 12*).
- 2. The selection of elements and their distribution, maintaining the requirements of safety zones, as well as full observance of instructions on use minimizes the risk of injury during use.
- 3. All works must be carried out in compliance with effective regulations and under the supervision of licensed personnel.
- 4. All materials used must hold the obligatory certificates, technical approvals, declarations of conformity, etc. and must be used in accordance with their technical sheets provided by their manufacturers.
- All devices designed for sports, play or recreational purposes as well as communal devices installed within the facilities included in the scope of this study must unconditionally observe all safety requirements specified in effective standards (PN-EN 14974+A1:2010 Facilities for users of roller sports equipment. Safety requirements and test methods).

CONCEPT

TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52

TECHRAMPS.com

TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@TECHRAMPS.COM INFORMACJE OGOLNE: INFO@TECHRAMPS.COM Bezpłatne Konsultacje: projekty@techramps.com Mobile: +48 506-000-140 WWW.Techramps.com

OWPARKS





In order to maintain quality, it is required that the ordering party encloses a control chart for the facility (appendix 13)

II. TOLERANCES

- 1. All protruding edges must be galvanized.
- 2. Copings may protrude up to 12mm above the surface level.
- 3. Any radiuses must not deviate more than 20mm from the specified dimension.
- 4. Horizontal holes and openings in boards must be performed in min. 450mm spans.
- 5. The spaces of holes and openings on the edges of board sheets must be performed in min. 250mm spans.
- 6. All holes and openings near adjoining edges must be performed symmetrically.
- 7. The overall dimensions of devices may differ by 6%, depending on the angles applied.

III. KNOWLEDGE AND EXPERIENCE

In investments of this type (a skatepark is a facility characterized by greater risk of injury) it is essential that the proper quality of finishing is ensured, which may only be obtained by cooperating with companies which have performed similar facilities in the past. Potential contractors must hold applicable experience in constructing skateparks (including i. a. Techramps, Concrete skateparks, Altramps, etc.), since a skatepark is a specific facility – it is not a typical playground or a sports field. The experience of a contractor must therefore be certified in the form of references, thanks to which the Ordering Party will be sure that they contract the construction of their skatepark to the right company.

Ordering Party requirements:

- The Contractor will prove that they have performed min. 5 construction works basing on constructing a plywood-composite skatepark of the value of works of PLN 300 thousand gross each within the period of five years before the deadline for submitting offers, and if the period of activity is shorter – then in this period. Each offer should specify the date and place of each of the listed construction investments and should enclose documents certifying that the works were carried out properly and in accordance with the principles of construction.
- 2. All wooden-composite devices installed in the skatepark must hold applicable TÜV certificates, which means that they must hold a Conformity Mark** to guarantee that the product and its manufacture process are tested and supervised by an independent Certifying Body. The certifying body must be accredited by the Polish Center for Accreditation (PCA).

CONCEPL

TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52

TECHRAMPS.com

TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INFO@TECHRAMPS.COM INFORMACJE OGOLNE: INFO@TECHRAMPS.COM Bezpłatne Konsultacje: projekty@techramps.com Mobile: +48 506-000-140 WWW.Techramps.com

LOWPARKS





** This mark and the related certificate confirm the properties of products, which provides an additional guarantee of their safety and highest quality, as proven by compliance with the PN-EN 14974:2007 + A1:2010 standard.

3. Due to the characteristics of skateparks as facilities, the **foreman of the assembly team must have proven experience** in constructing facilities of this type, as certified by documents confirming the performance of at least **10 similar skateparks** within the last 5 years.

IV. LIST OF APPENDICES:

Appendix 1 – Jointing of structural boards and modules.

Appendix 2 – Ventilation and insulation of elements.

Appendix 3 – Elements reinforcing the structure.

Appendix 4 – Maintenance-inspection door.

Appendix 5 – Riding surface finishing – edges, screws and holes for screws.

Appendix 6 – Grindbox lining with the RampLine mat.

Appendix 7 – Handrails.

Appendix 8 – Coping.

Appendix 9 – Inrun plate.

Appendix 10 - Steel elements - edge fittings.

Appendix 11 – Grindbox fittings.

Appendix 12 – Instruction manual for the skatepark and rating plates.

Appendix13 – Control chart.

V. TERMS OF WARRANTY FOR THE PRESTIGE OPTION

§ 1

- 1. Company TECHRAMPS Sp. z o.o. Sp. k., hereinafter referred to as the Contractor or the Guarantor ensures the highest quality of skatepark elements, covered by this warranty and hereby grants a warranty for the durability of their products on the condition that they are properly used according to their designed purpose by skateboarders, roller-bladers, BMX cyclists. Possible factory defects revealed in the warranty shall be removed by the Contractor free of charge.
- 2. The Contractor hereby states that the risk related to amateur and professional sports performance shall be borne by the performer. The Contractor waives any responsibility for damages incurred in the use of the premises, related to professional risk.





COUCEPP

WAKEPRO



TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@TECHRAMPS.com



3. Normal use shall be defined as:

TECHRAMPS.com

- a) Skateboarders, when using standard skateboards purchased from professional manufacturers.
- b) Roller-bladers, when using standard roller blades purchased from professional manufacturers.
- c) BMX cyclists, when riding on standard BMX bikes, equipped with wheel pegs provided that they are finished in a professional manner, with rounded edges as to prevent the surface finishing from damaging.
- 4. Factory defects covered by this warranty shall include defects which result in the device failing to fulfill the functions resulting from its structure and designed purpose and which are incurred by the properties of the device itself.
- 5. Factory damages shall not include mechanical damages incurred in normal use.
- 6. Ramp elements and components shall be delivered and installed according to the design, as specified in the figures and in the technical documentation.
- 7. The condition for the validity of the guarantee for wooden and metal elements is to perform by the Purchaser/Manager maintenance works (according to the Skatepark equipment maintenance manual) which have to be carried out at least once a year.
- 8. The condition for the validity of the guarantee is to perform an annual technical inspection of the skatepark by the representative of the Techramps company, under the terms of a separate order.

§2

- 1. The subject of this warranty includes skatepark elements of the Contractor, as per the specification of the Contractor, for which a warranty card has been issued. The warranty also covers elements of devices replaced in the period of use in the course of warranty servicing works and recorded in the repair table included in the warranty card. All other elements installed in the period of use shall not be covered with this warranty.
- 2. Warranty periods are the following:
 - a. 3 years of limited warranty for: load-bearing elements, wooden structure, plywood, wood, composite the RampLine mat (does not apply to acts of vandalism),
 - b. 3 years of warranty for: the riding surface finishing in terms of grindability (plywood and composite the RampLine mat),
 - c. 3 years of warranty for: galvanized steel and other steel components.
- 3. These periods shall commence on the date of acceptance of the subject devices. All subassemblies replaced in the course of warranty repairs are covered with a warranty as per the warranty period for the entire skatepark, but not shorter than 12 months from the date of their replacement.





COUCEDP





TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@TECHRAMPS.COM



- 4. The condition for accepting the claims of the Ordering Party, resulting from the warranty, is presenting, at the request of the Contractor or any parties acting on behalf of the Contractor, a properly filled in warranty card, that is containing the date of purchase, Contractor's signature (Handing over the skatepark), Contractor's company seal, signature of the Ordering Party (Accepting the skatepark), company seal of the Ordering Party. In addition, the Contractor reserves the right to inspect the original product purchase receipt, indicating a clear date of purchase.
- 5. After the warranty period, the Contractor shall provide post-warranty services, as specified in a separate contract.
- 6. Upon arrival of transport with the ordered goods to the ordering party, the ordering party is obliged to take pictures of the goods placed on the truck tractor and after unloading and sending by email to <u>serwis@techramps.com</u>.
- 7. The ordering party is obliged to take photos after assembly of the ordered goods and send by email to serwis@techramps.com.

- 1. Defects covered by this warranty may be repaired on the spot or, in exceptional cases, in the form of replacing a completely damaged component with a new one. Selection of the method of removing the defect shall be the sole decision of the Guarantor.
- 2. In cases when removing the defect is not possible or would potentially involve excessive costs, then the Contractor reserves the right to replace the product with a new one, free of defects, or to reimburse the Ordering Party with the sum paid on the date of purchase.
- 3. The Contractor shall maintain the stocks of parts necessary to perform quick replacement, if needed.
- 4. The subassemblies replaced as part of warranty repair shall become the property of the Contractor.
- 5. Essential repairs of items covered with warranty (art. 581 of the Civil Code) shall include: complete replacement of the wooden structure load-bearing elements, or complete replacement of a device.

The Contractor hereby waives the responsibility for damages incurred through incorrect use of the accepted investment against the designed purpose or the use of the investment after the detection of defects, and for damages incurred through the use of damaged investment.

The procedure for reporting defects covered by warranty is the following:

 According to the adopted standards, in the case of major defects posing a threat to safety, until they are successfully removed, the Ordering Party shall secure the devices as to prevent their further use.

TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52

TECHRAMPS.com

TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INFO@TECHRAMPS.COM





- 2. After its occurrence, the defect must be immediately reported to the Contractor.
- 3. Warranty repairs must be reported:
 - a. by telephone: + 48 (12) 393-43-07, +48 510-200-072 (from 8:00 to 14:00 on business days),
 - b. via e-mail: produkcja@techramps.com.
- 4. The party reporting the defect must specify: their full name, the telephone contact data, and address data of the Ordering Party, the skatepark location address, a description of the problem and photographs.
- 5. The complaint shall be processed within 7 business days, and the repair shall be carried out within 14 business days. In special cases, the term of repair may be extended to 30 business days.
- 6. The Contractor hereby states that, due to changing weather conditions, complaints submitted in the autumn and in the winter will be processed from March 30 of the following year, as per the order of complaints made.

- 1. The Ordering Party shall perform inspections of devices at their own cost, in accordance with the PN-EN 1176-1 and PN-EN 1176-7 standards (Guidelines for installation, verification, maintenance and use), however, the annual, paid inspection within the warranty period shall be performed by the Contractor themselves or by parties acting on their behalf.
- 2. The condition for the validity of warranty is the performance of annual inspection of skatepark elements by the representative of the Contractor, in line with the provisions of a separate commission.
- 3. The condition for the validity of the warranty for wooden and metal elements is to perform by the Purchaser/Manager maintenance works (according to the Skatepark equipment maintenance manual) which have to be carried out at least once a year.

- Damages resulting from consequential terrain unevenness are not covered by warranty. Damages to devices resulting from incorrect land form (unevenness, mud, dirt, etc.) are not covered by warranty.
- 2. Mechanical damages resulting from e.g. impacts on the riding element (cracks, laminate cavities, etc.) are not covered by warranty.
- 3. Warranty for abrasion and mechanical cavities does not apply to sliding and grinding.
- 4. Wood is a natural product, subject to the influence of temperature and humidity. Possible plywood deformations are a natural phenomenon and are not subject to the complaint procedure.

TECHRAMPS.com Professional State Parties





TAKEPARKE I GUIPMENTS POWERED BY TECHRAMPS



TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INFO@TECHRAMPS.COM





- 5. The warranty does not cover minor damages (such as discoloration, scratches, abrasions, concavities), normal paint or decoration abrasions, detriments of the riding surface finishing caused by weather conditions.
- 6. The warranty does not cover instances of force majeure, such as hurricanes, tornadoes, floods, fires or riots.
- 7. Damages incurred by the local surrounding (trees, floods, landslides) are not covered by warranty.
- 8. The warranty does not cover damages incurred by third parties, through acts of vandalism, incorrect use, the absence of proper maintenance, incorrect use or operation.
- 9. The warranty does not cover damages resulting from the stealth of skatepark elements.
- 10. The warranty does not cover damages resulting from the absence of in-progress maintenance, as per the Maintenance instructions delivered on the date of acceptance.
- 11. The warranty does not cover damages resulting from a resignation to perform the annual inspection referred to in § 5, pt. 2.
- 12. The warranty does cover any damages incurred through any attempts at repairs or modifications made by unauthorized personnel or companies.
- 13. The warranty does not cover damages incurred through consequential damages caused by the abovementioned factors.

- 1. Devices should undergo periodic servicing and maintenance in order to raise their safety and usability.
- 2. The warranty agreement shall not be construed as a servicing agreement. All maintenance works and inspections which do not involve removal of defects covered by warranty, performed in the warranty period and afterwards, may be carried out according to separate commissions only.

§ 8

This warranty shall not exclude, limit or suspend any other rights of the Ordering Party, resulting from separate contracts made by and between the Ordering Party and the Contractor.



TECHRAMPS CONCRETE





FLOWPARKS

TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@TECHRAMPS.com





In all matters not settled herein the provisions of the Civil Code shall apply.

I have read and I hereby accept the provisions of this warranty.

City, date

Entity handing over the skatepark

Entity accepting the skatepark

TECHRAMPS.com







FLOWPARKS

TECHRAMPS SP. Z 0.0. Spółka komandytowa UL. Organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@TECHRAMPS.com





INFORMATION ON REPAIRS

Date of reporting the damage:	Date of repair:	Description of works performed – report of	Contractor's representative signature and seal

Date of reporting the damage:	Date of repair:	Description of works performed – report of	Contractor's representative signature and seal
	Pr Pr	a VIII Skate	Parks

Date of reporting the damage:	Date of repair:	Description of works performed – report of	Contractor's representative signature and seal

Other information/remarks.

......

.....

TECHRAMPS.com

TECHRAMPS

SO concept

DWAKEPRO

FLOWPARKS

TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@TECHRAMPS.com











MANEDOA

















Tech skate	nnical specification spark in the com wooden technolo	on of a posite- ogy
SUBJECT Riding	r: surface – edges nd holes for scre	s, screws ews
As regard All e	^{is:} lements covered v	with the
	RampLine mat	indi dic
SCALE:	RampLine mat	12
SCALE:	RampLine mat	12 -05







TECHDANDE









12



Detail "A" Coping – must be end-capped on both sides, and its edges should be delicately milled and smooth.





Tech skat	nnical specification epark in the com wooden technolo	on of a posite ogy
SUBJEC	Coping	
SCALE:	Figures in series	12
<mark>1:10</mark>	Fig. no.: DS-01	-08
	Appendix no :	В





Detail "A"

The inrun plate must level with the riding board. It is particularly important that no thresholds or unevenness are present in this spot. The sheet metal should be set in a groove in the riding board. The use of any extra lining or padding under the sheet metal is unacceptable due to the risk of water penetrating the crack between the sheet metal and board, which will cause the sheet metal to lift up and the structure to deteriorate. The inrun plate must have minimum 60 mm support on the element and must be mounted using M6x40 SPAX screws.





skat	epark in the com	posite-
SUBJEC	Inrun plate	
SCALE:	Figures in series	12
1:10	Fig. no.: DS-01-	-09
	Appendix no.:	9









An angle iron of min. 30x30x3 installed on the edges of quarters and ramps secures the board edges against mechanical damages and against the direct influence of weather conditions, it is therefore unacceptable to use <u>flat bars</u> in these areas. Cutting the angle iron to bend it is unacceptable – <u>the angle iron must be</u> <u>rolled!</u>











Grindbox fitting

On the shorter side, the upper fittings on grindboxes are leveled with the board. When the grindbox is wider than 60cm, the longer angle iron is leveled with the board. In all other cases, the fitting may be mounted on the board. The fitting must be made of min. 30x30 angle irons of minimum 3 mm in wall thickness.





Notice!!!

For safety reasons, the use of flat bars in this area is unacceptable, since this could lead to exposing the edge of the riding surface to the influence of weather conditions or damaging the riding surface by <u>skatepark</u> users.

skat	epark in the com wooden technolo	posite gy
SUBJEC	Grindbox fitting	IS
SCALE:	Figures in series	40
CONLL.	Tigures in series	12
1:10	Fig. no.: DS-01-	-11
		27.27







FACILITY CONTROL CHART

Material	Conformity
Is the thickness of structural profiles minimum 18 mm?	
Are structural profiles laminated?	
Are structural boards jointed using the puzzle element interlocking system? (appendix 1)	
Are modules jointed using plywood elements and round-head screws (minimal plywood thickness 18 mm)? (appendix 1)	
Are elements equipped with HPL ventilation? (appendix 2)	
Are the profiles equipped with stands/supports insulating them from the ground (eliminating capillary water action) (appendix 2)?	77
Does every structural beam, in its every ending, have a minimum of two 6x140 torx screws?	55
Are structural beams supported by dedicated supports? (appendix 3)	
Are elements higher than 1m and wider than 1.8m equipped with inspection doors? (appendix 4)	
Are arched sections provided with a foundation layer made of laminated plywood, minimum 9 mm thick?	
Are straight sections provided with a foundation layer made of laminated plywood, minimum 18 mm thick?	
Riding surface finishing	
Is the riding surface finished with the RampLine mat, minimum 6 mm thick?	
Are the holes (minimum 90%) in the riding surface drilled and milled to accept screws? (appendix 5)	
Are the edges (minimum 90%) of riding boards milled using a CNC machine? (appendix 5)	
HRAMPS.com Professional Stude Parks	Flqwpa

TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@TECHRAMPS.com

TECHRAMPS.com



Are the grindboxes secured on every side of the riding surface with the RampLine mat, minimum 6 mm thick? (appendix 6)	
Protective handrails	1
Are elements higher than 1 meter equipped with protective handrails? (with the exception of funboxes for jumps) (appendix 7)	
Do the handrails installed reach the minimal height of 1.2m? (appendix 7)	
Are the handrails screwed-in together using screws with metric threads? (appendix 7)	
Are the handrails mounted to particular elements using hexagonal SW 17ø10x90 screws, end-capped? (appendix 7)	
Is the space between vertical crossbeams smaller than 89 mm?	
Steel	
Are the handrails and other steel elements made of zinc-plated steel?	5
Is the diameter of copings in the range of $48 - 60.3$ mm?	
Are the copings properly end-capped? (appendix 8)	
Are the platforms, on which the copings are installed, equipped with protective sheet metal (120 mm wide) along the coping? (appendix 8)	
Are the angle irons used to finish particular elements rounded at bends (cold-bent angle irons)?	
Are the holes in sheet metal milled to hide the heads of screws applied?	
Are the inrun sheet metal plates 350-400 mm wide and 3 mm thick?	
Is the sheet metal resting on an element (minimum 60 mm support) in a milled pocket? (appendix 9)	
Does the sheet metal plate, jointing the element with the ground, create a smooth passage? (appendix 9)	
HRAMPS.com	FLQWPA

TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@TECHRAMPS.COM





Do metal thresholds in the corners and angles of pyramids create a smooth passage?	
Are all exposed edges of the RampLine mat secured with angle irons of minimum 30x30x3 mm? (appendix 10)	
Are the angle irons securing the RampLine mat on arched elements rolled? (appendix 10)	
Are grindbox fittings made of angle irons of minimum 50x50x3 mm? (appendix 11)	
Is the fitting on the shorter side of the grindbox leveled with the board? (appendix 11)	
Safety	
Has an instruction manual on the use of the skatepark been enclosed to the elements installed?	
Is the instruction manual installed in a visible place?	77

I hereby confirm the performance of the skatepark in compliance with the order specification pursuant to the contract :

.....

Contractor signature

Ordering Party signature



TECHRAMPS CONCRETE



CONCEPt



FLOWPARKS

TECHRAMPS SP. Z 0.0. Spółka komandytowa Ul. organki 2, 31-990 kraków NIP: 683-210-12-52 TEL: +48 (12) 393-43-07 FAX: +48 (12) 311-05-41 Mobile: +48 510-200-071 INF0@techramps.com