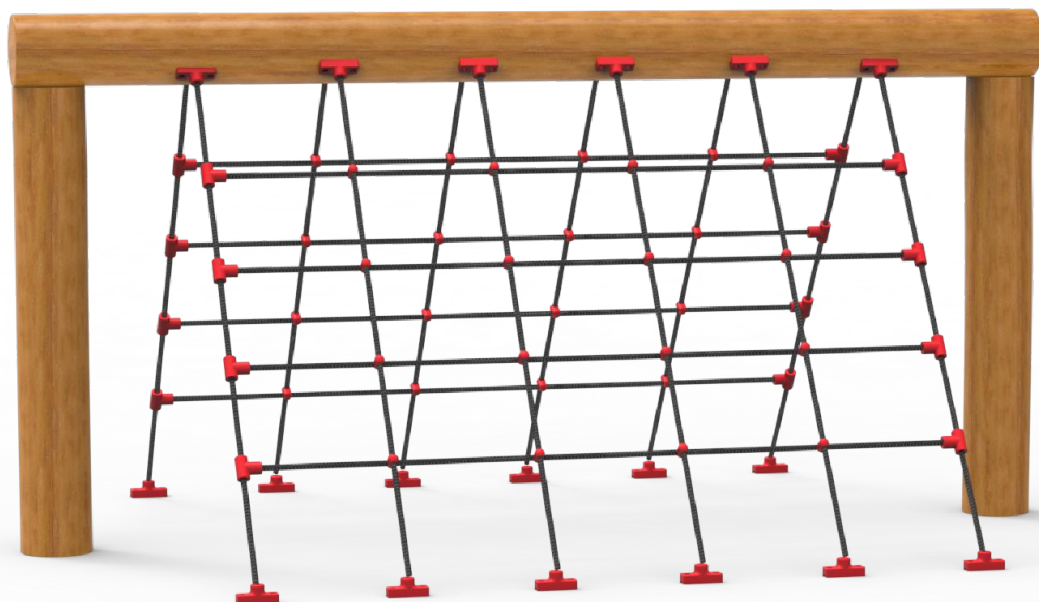
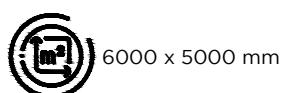
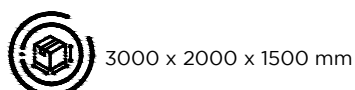
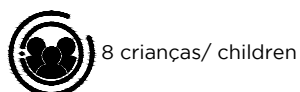
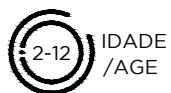


# ESCALADA ROBINIA

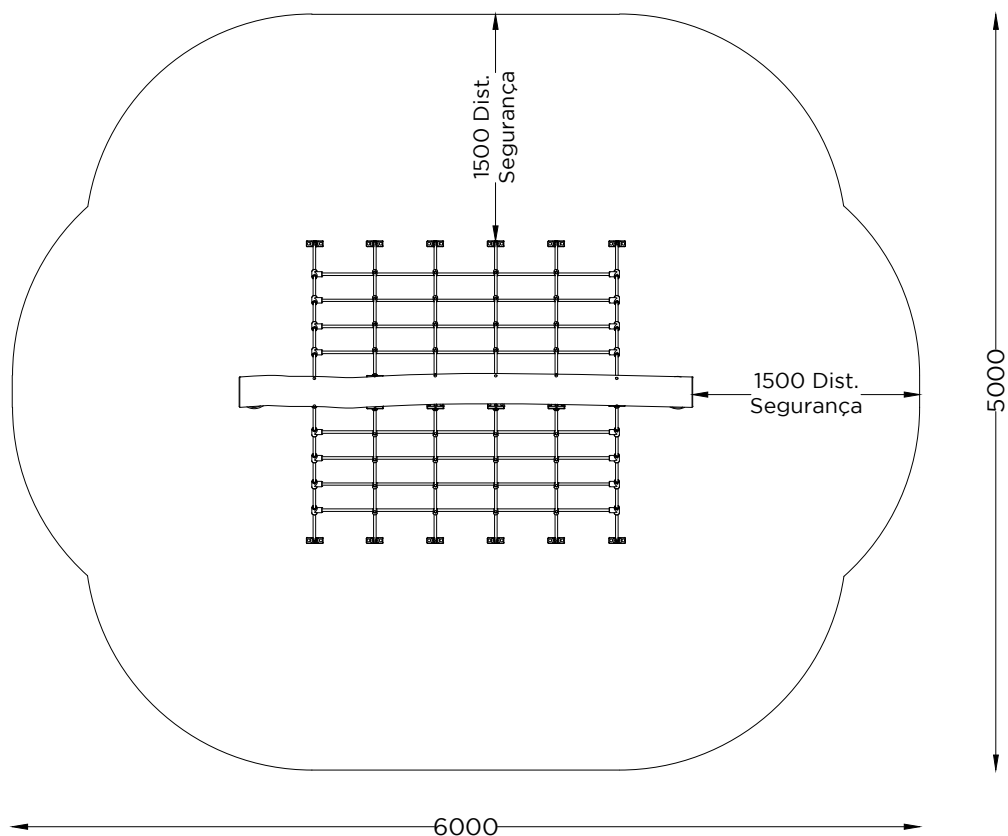
## ROBINA CLIMBING

REF.  
SEQ 9 ROB

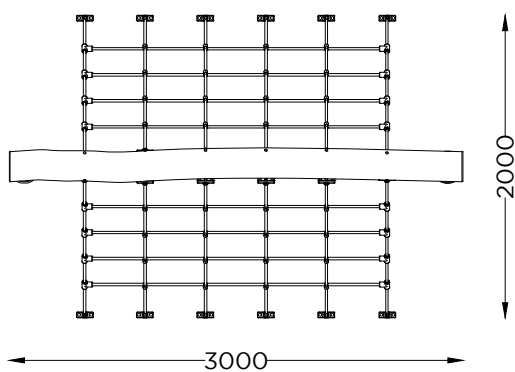


\* A área de segurança, deverá ter uma superfície de amortecimento de impacto correspondente à altura máxima de queda livre do mesmo, conforme a norma EN 1176:1-2017.

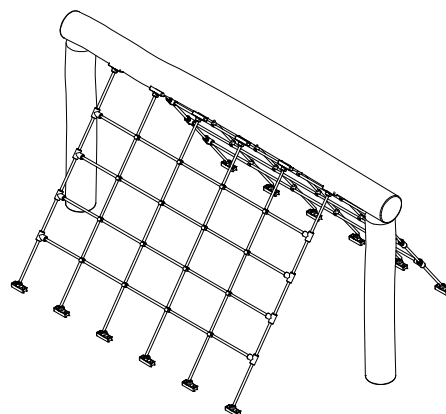
\* The safety area shall have an impact damping ground surface corresponding to its maximum free fall height in accordance with EN 1176: 1-2017.



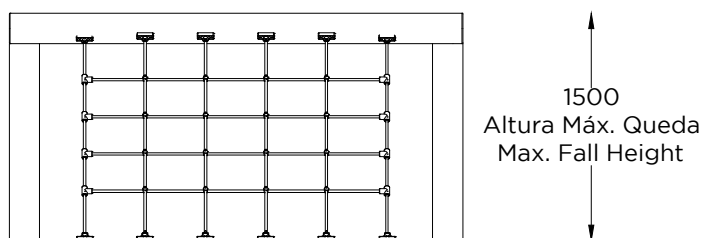
**PLANTA - ESPAÇO DE SEGURANÇA NECESSÁRIO**  
**PLAN - SAFETY SPACE REQUIRED**



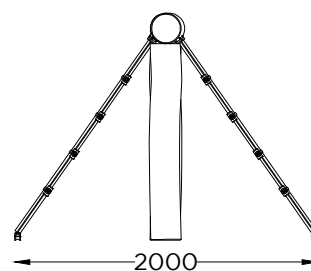
**PLANTA**  
**PLAN**



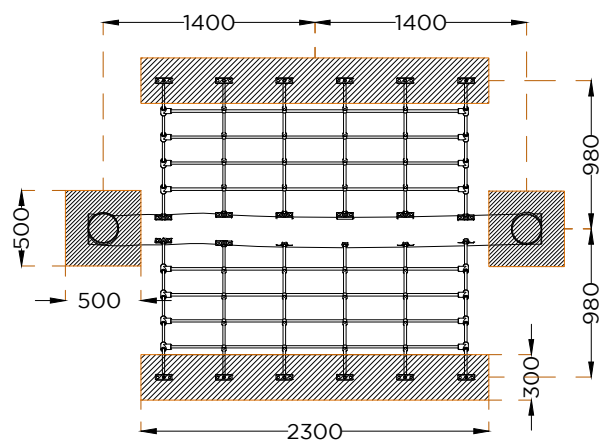
**VISTA ISOMÉTRICA**  
**ISOMETRIC VIEW**



**ALÇADO FRONTAL**  
**FRONT VIEW**

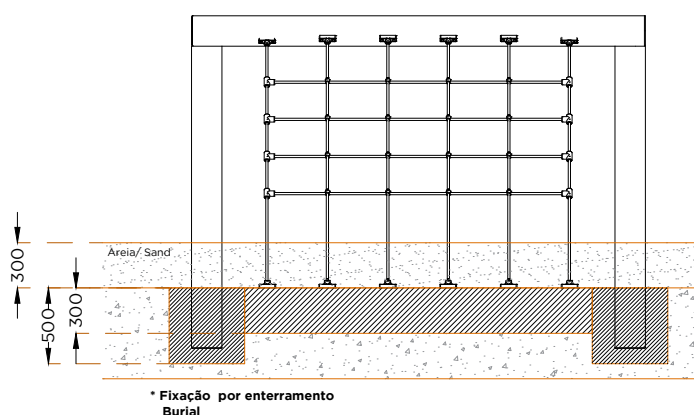


**ALÇADO LATERAL**  
**SIDE VIEW**

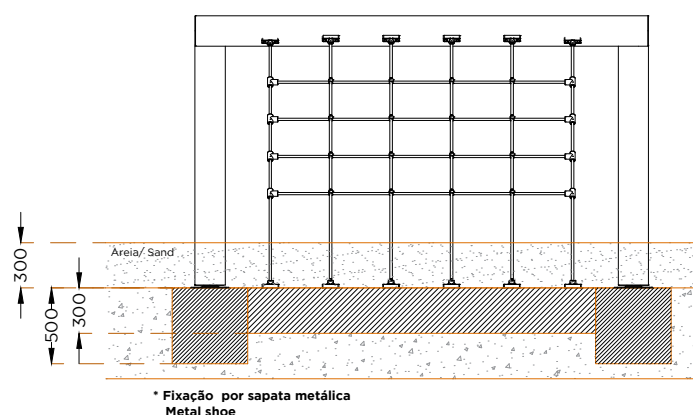


**PLANTA . ESQUEMA DE FIXAÇÃO**  
PLAN . INSTALLATION PLAN

DIM: 500 x 500 x 500 mm  
2300 x 300 x 300 mm

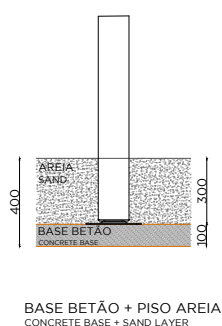


\* Fixação por enterramento  
Burial

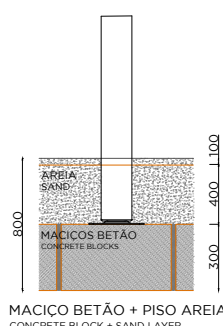


\* Fixação por sapata metálica  
Metal shoe

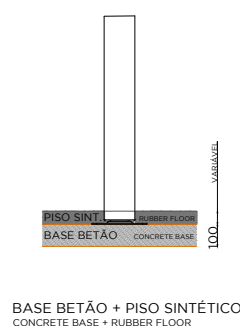
**ALÇADO FRONTAL . ESQUEMA DE FIXAÇÃO**  
FRONT VIEW . INSTALLATION PLAN



BASE BETÃO + PISO AREIA  
CONCRETE BASE + SAND LAYER



MACIÇO BETÃO + PISO AREIA  
CONCRETE BLOCK + SAND LAYER



BASE BETÃO + PISO SINTÉTICO  
CONCRETE BASE + RUBBER FLOOR

## CARACTERÍSTICAS E MATERIAIS:

\* Material e Acabamento: Estrutura em madeira Robinia. Componentes de união e fixação em alumínio e plástico injetado. Cordas em nylon reforçado com Ø16mm.

\* Fixação: Buchas metálicas, bucha química ou enterramento.

\* Experiências Lúdicas: Subir. Tregar. Jogo da apanha em torno do equipamento.

## CHARACTERISTICS AND MATERIALS:

\* Material and Finish: Structure in Robinia. Joining and fixing components in aluminum and injected plastic. Ø16mm nylon strings reinforced steel inside.

\* Fixation: Screwbolt metallic anchor, chemical fixing or burial.

\* Playful Experiences: To rise. Climb. Catch game around equipment.



\* Estruturas Alumínio: tubos de de secção quadrada 95 x 95 mm termolacado. Perfis de alumínio imitação madeira (dimensão variável). Chapa (dimensão variável);

\* Estruturas Aço: Chapa de aço, Inox e aço corten (dimensão variável). Tubos de perfil quadrado, rectangular e circular. Acabamentos: metalizado e lacado ou galvanizado. Tubos inox 304 e 316;

\* Estruturas Madeira: Pinho laminado e tratado em autoclave nível 4 (95x95mm e outros...), madeira de deck com tratamento autoclave; Ripas de Madeira tropical com tratamento deck.oil;

\* Estruturas em Compósito: Ripas em compósito reciclado imitação madeira (110x35mm). Laminado de alta pressão (HPL) com 5, 10 e 12.5 mm;

\* Componentes de união e fixação: Plástico injetado, alumínio lacado e aço zincado e Inox;

\* Cordas: Nylon 16 mm reforçada em aço no interior;

\* Escorregas e Acessórios: Plástico rotomoldado ou chapa inox. Plástico Injetado ou aborrachado;

\* Placas Plástico: Polietileno de alta densidade (HDPE) com 15 e 19mm espessura;

\* Baldes interiores: plástico, chapa galvanizada ou inox;

\* Tipos de fixação: Bucha metálica, bucha química, chumbadouro ou enterramento.



\* Estructuras de aluminio: Tubos cuadrados termolacados de 95 x 95 mm Perfilera de aluminio imitación madera (medida variable). Placa (dimensión variable);

\* Estructuras Metálicas: Chapa de acero, acero inoxidable y acero corten (dimensión variable). Tubos de perfil cuadrado, rectangular y circular. Acabados: metalizados y lacados o galvanizados. Tubos de acero inoxidable 304 y 316;

\* Estructuras de Madera: Pino laminado y tratado en autoclave nivel 4 (95x95mm y otros...), deck de madera con tratamiento autoclave; Lamas de madera tropical con deck.tratamiento al aceite;

\* Estructuras en Composite: Lamas en composite reciclado imitación madera (110x35mm). Laminado de Alta Presión (HPL) con 5, 10 y 12,5 mm;

\* Elementos de unión y fijación: Plástico inyectado, aluminio lacado y acero zincado e inoxidable;

\* Cuerdas: nylon reforzado con acero de 16 mm en el interior;

\* Correderas y Accesorios: Plástico rotomoldado o chapa de acero inoxidable. Plástico inyectado o cauchutado;

\* Placas de plástico: Polietileno de alta densidad (HDPE) de 15 y 19 mm de espesor;

\* Baldes interiores: plástico, galvanizado o acero inoxidable;

\* Tipos de fijación: Casquillo metálico, casquillo químico, perno de anclaje o enterrada.



\* Structures Aluminum: 95 x 95 mm square section tubes thermo-lacquered. Aluminum profiles imitation wood (variable size). Plate (variable dimension);

\* Steel Structures: Steel sheets, stainless steel and corten steel (variable size). Square, rectangular and circular pipe's profiles (variable size). Finishing: metallized and powder coated or galvanized. 304 and 316 stainless steel tubes;

\* Structures Wood: Level 4 autoclave laminated pine (95x95mm and others ...), deck wood with autoclave treatment; Tropical Wood Slat with deck.oil treatment;

\* Composite Structures: Recycled composite imitation wood slats (110x35mm). High pressure laminate (HPL) with 5, 10 and 12.5 mm;

\* Joining and fixing components: Injected plastic, Powder coated aluminum, galvanized and stainless steel;

\* Strings: 16mm nylon reinforced steel inside;

\* Slides and Accessories: Rotomolded plastic or stainless steel plate. Injected or rubberized plastic;

\* Plastic plates: High density polyethylene (HDPE) with 15 and 19mm thickness;

\* Interior buckets: plastic, galvanized plate or stainless steel;

\* Types of fixation: Screwbolt metallic anchor, chemical fixing, anchor bolt or burial.



\* Structures Aluminium: tubes thermolaqués de section carrée de 95 x 95 mm. Profils en aluminium imitation bois (taille variable). Plaque (dimension variable);

\* Structures en fer: tôles de fer, acier inoxydable et acier corten (taille variable). Poteaux en fer: profils carrés, rectangulaires et circulaires (taille variable). Finition: métallisé et laqué ou galvanisé. Tubes en acier inoxydable 304 (taille variable);

\* Structures Bois: Pin stratifié autoclave niveau 4 (95x95mm et autres ...), bois de terrasse avec traitement autoclave; Lattes de bois tropical avec traitement à l'huile de pont;

\* Structures composites: lattes en bois composite recyclé (110x35mm). Stratifié haute pression (HPL) avec 5, 10 et 12,5 mm;

\* Composants d'assemblage et de fixation: plastique injecté, aluminium laqué et fer galvanisé et acier inoxydable;

\* Cordes: 16 mm en acier renforcé de nylon à l'intérieur;

\* Coulisses et accessoires: plaque en plastique rotomoulé ou en acier inoxydable. Plastique injecté ou caoutchouté;

\* Plaques en plastique: polyéthylène haute pression de 15 et 19 mm d'épaisseur;

\* Seaux intérieurs: plastique, plaque galvanisée ou acier inoxydable;

\* Types de fixation: Par des chevilles de fixation, fixations chimiques, négatives/ boulon d'ancrage ou enfouissement.