



Steel frame with 10-year anti-corrosion warranty
Synthetic coating with 5-year warranty
(against total fiber wear)



The **CITY STADE® PRIMA** consists of a load-bearing structure made of hot-dip galvanized steel in a zinc bath at 450°C, with a protective coating thickness of 90 microns. The galvanized parts are then powder-coated with an epoxy paint, which is more resistant to corrosion and UV rays, after being baked at 250°C (100 microns).

- The supporting structure is made of 3 mm thick steel.

Screws :

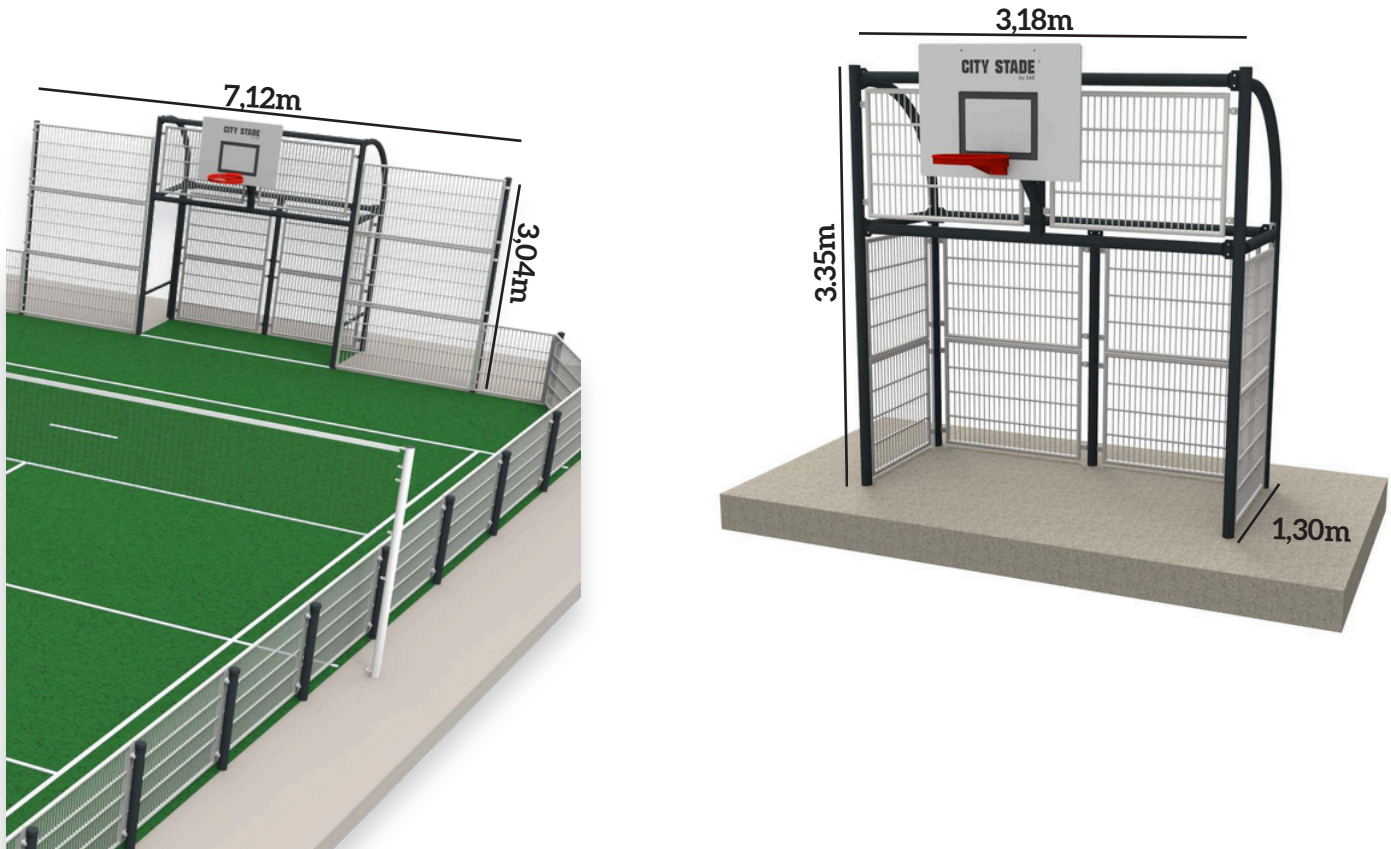
- The screws are made of A2 and A4 stainless steel, marine grade, and are vandal-proof with a specific imprint.
- The colors of the supporting structure are chosen from the RAL color chart. Five standard colors are always available from stock.

Cladding:

- The cladding of the supporting structure is made of 2m x 1m galvanized steel panels consisting of a one-piece load-bearing frame made of Ø38mm tubing with 26 x 13mm horizontal crossbars and infill consisting of a mesh made of through Ø12.80mm vertical tubes. The bars are spaced 45mm apart and spot-welded. The panels are fixed with specific ACIFIX® aluminum spacers incorporating a silent block system for noise and vibration damping.

Noise Reduction:

- The silent blocks are made of UV-treated neoprene to stop vibrations and noise caused by repeated impacts from the balls. The screws are made of A2 and A4 316L marine-grade stainless steel and are vandal-resistant with specific screw heads.



The front panels of a **CITY STADE® PRIMA** consist of a central section 7.20m wide and 3.35m high, which is comprised of the following :

- Two combined handball/football/basketball courts, each 3.18m x 3.35m x 1.30m, made of 90mm diameter galvanized steel tubing constructed from welded, one-piece components. Each court is topped with a basketball backboard adjustable to three heights (2.60m / 2.80m / 3.05m).
- Two 3m high (front panel) barriers on either side of the goal (front panel 7.12m).

The structure is made of round steel tubes with a diameter of 90 mm and a thickness of 3 mm (gables, combinations, support posts), monobloc mechanically welded elements welded on templates.

The backboard supports on the combined handball/football/basketball court are made from 6mm x 40mm flat metal with an 11mm diameter oblong hole.

At the rear of the backboard, the central bolted post provides significant impact resistance. The goal backboards are lined with 1.34m x 1m steel panels.

Assembly is carried out on-site by mechanically assembling and bolting the various components.

The entire structure is securely anchored in the ground (400mm x 400mm x 500mm concrete blocks with a 350 kg/m³ mix).

Surface treatment: hot-dip galvanizing by immersion in a zinc bath at 450°C.

Finish: mechanical sandblasting. Application of an epoxy powder coating and oven curing at 250°C.

The fences are made of 90 mm diameter, 3 mm thick round steel tubes. They are secured with **ACIFIX®** spacers, which are made of aluminum alloy. All screws are made of **A4 316L marine-grade** stainless steel with a tamper-proof finish (specific keyway).



Entretoise de fixation ACIFIX®

Cladding panels **CITY STADE® PRIMA** :

Hot-dip galvanizing and epoxy powder coating finish with oven curing at 250°C. **Color: RAL 7035**

Posts / Supporting structure:

Hot-dip galvanized and finished with epoxy powder paint baked in an oven at 250°C. 5 colors available: **RAL 5010 (Blue), RAL 7016 (Anthracite Gray), RAL 6005 (Green), RAL 3020 (Red).**



Cladding panels **CITY STADE® PRIMA** :

- Structure made of welded, one-piece panels. Top and bottom rails in Ø38mm, side posts in 40 x 40mm.
- Through-grouting of Ø12.8 mm bars with horizontal crossbars of 26 x 13 mm, forming 200 x 45 mm meshes with point-by-point welding (600 weld points on a 2m x 1m panel).
- Hot-dip galvanizing by immersion in a zinc bath at 450°C (interior/exterior) and finishing with epoxy powder paint and oven curing at 250°C.
- Mounted on noise and vibration damping silent blocks, with tamper-proof stainless steel screws.
- Edge-to-edge panel mounting to improve the fencing's playability.

Sports equipment:

- 2 adjustable basketball hoops (3 height settings)
- 2 multi-game posts (5 height settings) for volleyball, mini-tennis, and badminton, with nets and tensioning systems. Player access:
- 4 anti-cycle barriers on the side of the goals, including a gate (accessible without a padlock) for people with reduced mobility.

Available options:

G-20 Green



Two-tone green synthetic grass kit (20 mm)
Réf G-20

Brazilian mini-goals



Kit 4 mini-goals (Hockey Mini-foot)
1m x 1m
Réf MBP.01

Sitting/Standing Bench



Sitting/Standing Bench
Réf BC.01

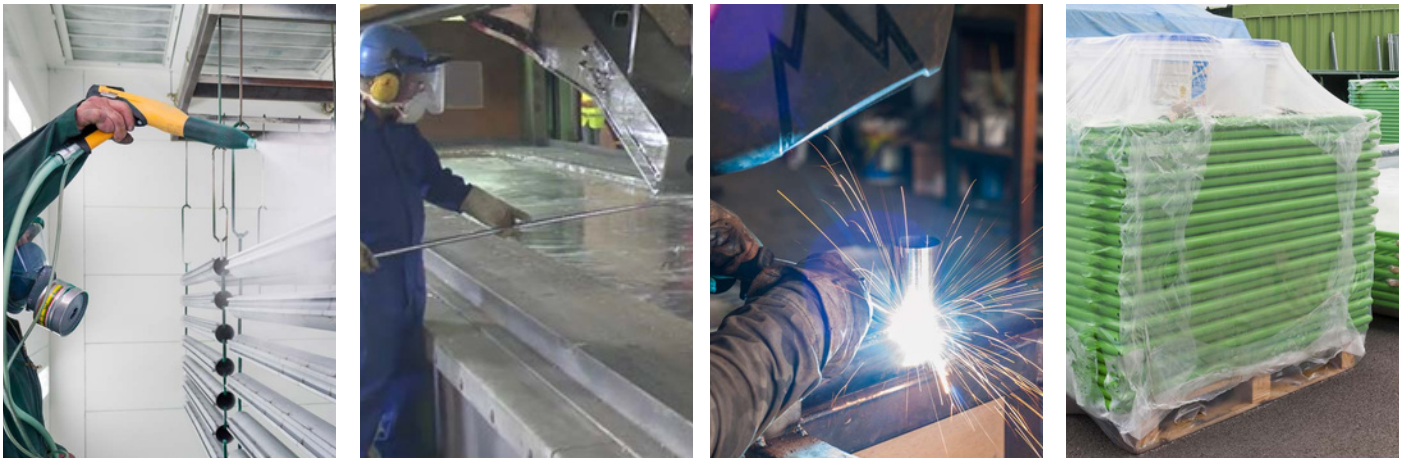
Back fronton basketball



Adjustable basketball hoop with 3 height settings:
2.60 m / 2.80 m / 3.05 m
Réf B02.

CITY STADE® PRIMA (with options)





Site where the various stages of manufacturing our structure are carried out:

The components that make up the **CITYSTADE®** structure are designed and manufactured in the SAE Group workshops. From start to finish, we control the various production phases at our Ambarès-et-Lagrave site.

Origin of materials for our metal structure:

- Steel: European Union
 - Epoxy powder: France (AKZO NOBEL)
- Hot-dip galvanizing (Galva Sud Ouest - Pessac, France)

The **CITY STADE®** structure is made of 3mm thick steel. All parts are hot-dip galvanized after machining (GALVA SUD OUEST). Below are the different stages of our subcontractor's process:

- **DEGREASING:** in a surfactant solution at room temperature
- **PICKLING:** of rust and mill scale in an acidic solution
- **RINSING:** in a water bath
- **FLUXING:** in a solution bath at room temperature
- **OVEN CURING:** in a two-cell oven
- **GALVANIZING:** in a zinc bath at 450°C.

• **POWDER COATING in our paint shop**

This technology guarantees:

- A minimum surface coating thickness (100 microns)
- Improved mechanical strength of the coating
- Improved UV resistance
- **FINISHING:** Sanding of any surface imperfections
- **INSPECTION** of the finish
- **SANDBLASTING:** Mechanical treatment of all parts by low-pressure sandblasting
- **HEATING** of parts to 60°C for degassing
- **APPLICATION** of an epoxy powder coating
- **BAKE-UP:** Oven curing at 250°C

Conformity Testing

Sports equipment must be inspected by an accredited inspection body to obtain a certificate of conformity and undergo on-site testing of the installed components.

Multi-sports fields are subject to compliance with certain standards.

The most important is the NF-EN 15312 standard relating to "freely accessible sports equipment," which succeeds

the NF 52901 standard concerning "local sports equipment." This standard was published in 2007 and ratified by 27 EU countries.

This standard addresses, in particular, the mechanical resistance of structures, sharp corners, finger pinch points, and accessibility for people with reduced mobility (PRM).

The NF-EN 15312 standard includes all of the following requirements:

- Ensure structural integrity by testing the impact of soccer balls and kicks on the fence.
- Pay particular attention to the choice of materials when the equipment is used in specific climatic conditions.
- Welds must be smooth.
- Threaded studs must be covered.
- Avoid protruding elements.
- No encouragement of climbing beyond 1 meter in height.
- Pinching of the head, neck, buttons, or fingers is addressed as per EN 1176.
- No crushing or shearing points are permitted.
- Accessible entrance and exit for people with disabilities is mandatory.
- Foundations must not present any risk of falls for users.
- Unexpected obstacles are prohibited (anti-cycle bars are excluded from this requirement).
- Excerpt from standard NF-EN 15312 – Page 1/2
- Adjusting the height of the basketball backboard is possible, but only by an authorized person, between 2.60 meters and 3.05m.
- The backboard and rim strength are tested.
- The basketball net strength is tested.
- Clearance around the basketball hoop: 60cm along its entire height.
- The basketball net strength is tested.
- Applies to both standard and multi-sport goals.
- Ground fixings are tested.

- Goals and nets must not encourage climbing.
- The free space between the goal and the backboard must be free of any obstruction.
- Users must be informed with a sign specifying "proper conduct" (standardized).
- Installation and maintenance manuals must be provided.
- Tests must be documented with test reports.
- The manufacturer's plate is mandatory.

CITY STADE® facilities must also comply with the following provisions:

- Sports Code, Decree No. 1133 of July 24, 2007 Decree No. 96-495
- "Safety requirements for football, handball, hockey and basketball goal cages" (resistance of the backboard, the rim and the net), of the football/handball/hockey goal.

Information Panel :

Supply of an aluminum information panel with a lacquered frame. The panel is fixed directly using tamper-proof screws and spherical bolt covers.

Regulatory information relating to user safety and the provision of the equipment. The municipality can provide its logo or coat of arms to be placed on the panel.

CITY STADE®

Conforme aux exigences de sécurité de la norme NF EN 15312

L'utilisation du CITY STADE® est réservée à la pratique d'activités ludiques et sportives comme le foot, le hand, le basket, le volley ...

Le gestionnaire décline toute responsabilité en cas d'utilisation anormale de l'équipement et demande aux utilisateurs de respecter les consignes ci-après :

- Équipement non adapté aux enfants de moins de 5 ans
- Ne pas grimper sur la structure ou sur les filets
- Ne pas se suspendre au cercle de basket
- Ne pas porter de chaussures à crampons
- Ne pas porter de bijoux car ils peuvent se coincer et causer des blessures
- Pratique effectuée sous l'entière responsabilité de l'utilisateur ou des adultes accompagnants

Numéros à appeler en cas d'accident :

Sapeurs-pompiers : 18

SAMU : 15



Pour tous problèmes techniques contactez le gestionnaire.

GROUPE
SAE

www.groupesae.com

GROUPE SAE TENNIS D'AQUITAINE, 108, avenue de la Libération
33440 Ambarès-et-Lagrave, Tél. 05 56 38 97 50 - Fax : 05 56 77 67 13

