1. Introduction to the STandGO system page 310
2. Parallel bar glider page 312
3. The modularity of our parallel bars page 313
4. Modular Walk Paths page 314
5. Parallel bars - Plus line for children page 316
6. Parallel bars - Plus line for adults page 318
7. Parallel bars - Standard line page 322
8. Introduction to the rehabilitation staircases page 324
9. The different modules of rehabilitation staircases page 325
10. Configuration options for staircases - Plus line page 326
11. Configuration options for staircases - Standard line page 330
12. Posture mirrors page 332
The modular parallel bars of the Plus Line are characterized by the innovative STandGO System™ for simultaneous and precise adjustment of the handrails on the two sides. The foot control activates gas springs for continuous movement, thus ensuring maximum precision and uniform adjustment, carried out even during the rehabilitation exercise. The handrails can also be adjusted in width.

"I feel that the simultaneous movement of the translation and the adjustment of the handrails for height provide greater safety both when standing up as well as when sitting down and less physical effort is required. The system also facilitates the physical therapist’s work."

Daniele, 30 years old - Udine

The model shown above is the parallel Plus 3M Tilt - code 01327.

Details of the width adjustment of handrails and the inclination of the platform.
ACCESSIBILITY FROM A SEATED POSITION
When making height adjustments, also check the translation of the parallel bars. The dynamics of this function allow the user to comfortably place his/her forearms on the handrails while remaining seated, without having to be transferred onto the main footboard (1) by wheelchair. In this manner, the patient can apply the levers and effort available for his/her natural verticalization while supported by the “STandGOSystem™”, and reduce the necessity for assistance from the therapist (2).

IMMEDIATE ADJUSTMENT FOR HEIGHT
The parallel bars in the Plus Line allow carrying out step training by optimizing patient locomotion as a result of the simple and immediate adjustment system for height and width, with adaptation to the motor pattern that will be developed. During the initial phase, maximum support is ensured to the upper limbs; then, the handrail height is progressively reduced until the user’s hands just brush them (2) or don’t touch them at all. In this manner, the parallel bars will not be an obstacle for correct posture by the user when ambulating during functional recovery.
During the initial phase of identifying the therapeutic rehabilitation program, use of an antibrachial support on the parallel bars allows an evaluation of how the patient ambulates in a completely safe environment.

**01380 Parallel Bar Glider**

It can be applied to all parallel bars in the new Plus and Standard Line. It offers greater support to the person during ambulation. When the trolley is used with a parallel bar system from the Plus Line, it is possible to indirectly, quickly and effectively adjust the height of the trunk support with the activation of the foot control by the operator. This allows the simultaneous adjustment of the handrails. In this case, adjusting the trolley trunk support can take also place while therapeutic exercise is being carried out. The trolley comes equipped with four limit switches and a connecting rod that can be used in the event a second trolley is purchased.

**Inverting the Direction of Ambulation**

The trolley for parallel bars (code no. 01380) can be used with another identical trolley in order to allow the user to autonomously turn around on the spot at the end of the walkpath, so that ambulation can be continued. Although turning around on the spot is a complex gesture, it can be learned by the patient if supported by the therapist. This solution prevents possible interruptions while carrying out the therapeutic rehabilitative exercise and also ensures safe restraint of the person. Intervention by the operator is limited to watching over the patient. The two trolleys can be joined using elements supplied.
The modularity of the parallel bar systems in the Plus Line allows the patient to be involved and motivated when ambulating, leaving the therapist more time to dedicate to observing and evaluating functional improvements during the exercise. Therefore, the therapist can concentrate - especially in the case of subjects with extremely compromised neuro-motor characteristics - on continuously correcting gestures, rate, angles and the kinematic mechanism while the patient ambulates, until the most correct motor pattern is obtained.

This image illustrates an example of modularity by combining two 3-meter long and one 2-meter long parallel bars, thus obtaining an 8-meter long walkpath.

AC0550 LIMIT BAR
The limit and support accessory can be requested, to assist the user with changing the ambulating direction, and extending the therapeutic – rehabilitation course. This accessory is available for all models.

The parallel modules can be joined without any fixings being required. Simply remove the access ramp. A parallel course of the required length can be created.
Modular Walk Paths

A series of thermoplastic modules and bags containing different materials can be used as accessories to create ambulation walkpaths within a specific therapeutic rehabilitation program. These modules are lightweight, resistant and washable and can be combined to create homogeneous or differentiated walkpaths, both on the main footboard of a parallel bar system as well as on the floor.

08586
ROLLS AND BAGS
Pair of modules, including a wooden roll and a sensory bag, 60 x 60 cm.

08587
SENSORY MODULES
Pair of modules, 60 x 60 cm.

08589
HEMISPHERES
Pair of modules, 60 x 60 cm.

08591
CONCAVE-CONVEX
Pair of modules, 60 x 60 cm.

01330
OBSTACLE-HURDLE MODULES
A pair of modules with a magnetic catch. Two pairs are recommended for 3-meter long parallel bars, 63 x 13 h cm.

02400
1 KG GAIT BAG
Contains sand, 20 x 20 cm.

02410
2 KG GAIT BAG
Contains sand, 25 x 25 cm.

02420
3 KG GAIT BAG
Contains sand, 28 x 28 cm.

08591
CONCAVE-CONVEX
Pair of modules, 60 x 60 cm.

02500
MOTOR TRAINING BAG
Contains PVC granules. Four possible cover colours, 22 x 15 cm. Weight: 300 grams.

02510
MOTOR TRAINING BAG SET
It includes 16 motor training bags. The bags contain PVC granules in four possible cover colours, 22 x 15 cm. Total weight set: 4.8 Kg.

08585
SET OF SENSORY BAGS
It includes 12 bags containing different materials in order to offer various support sensibility. The materials are soft foam, hard foam, granules, polystyrene, sand, wood. 37 x 23 cm. Total weight set: 7.5 Kg.

02430
SET OF GAIT BAGS
Consists of 12 bags of sand of different weights and sizes. Total weight set: 24 Kg.
EXAMPLE OF COMBINATION OF TWO 3-METER LONG WALKPATH PARALLEL BARS WITH OBSTACLE-HURDLE MODULES
(code no. 01330) equipped with magnetic catch. The main footboard of the parallel bar system is equipped with references for applying these modules when used as hurdles.

Detail of the magnetic catch

01379
SET OF THERAPY WALK PATHS
08586 ROLLS AND BAGS 2 pairs
08587 SENSORY MODULES 2 pairs
08589 HEMISPHERES 2 pairs
08591 CONCAVE-CONVEX 2 pairs
01330 OBSTACLE-HURDLE MODULES 2 pairs

01335
CART FOR PORTABLE WALK PATHS
It is in painted steel and can be used for every type of module. The cart is supplied without therapy walk paths.
01391 CHILDREN’S PARALLEL BARS PLUS 2M
It is a 2-meter long parallel bar system used for physical or rehabilitative training activity and includes painted steel framework and a wooden, laminated, wearproof footboard and is equipped with access ramps. The handrails are thermoplastic and non-slip. All parts can easily be washed. These parallel bars can be adjusted for height with the innovative “STandGOSystem™”, which allows immediate adaptation to the build of the user. The height of the handrails can also be modified during rehabilitation. Additionally, the distance between the handrails can be adjusted. The modularity allows creating (with items code no. 01391 and code no. 02996) parallel bar systems of the desired length by removing the access flights from the joining side. Thermoplastic modules or bags can be used to create specific therapeutic rehabilitation walkpaths. Weight: 71 kg

02996 CHILDREN’S PARALLEL BARS PLUS 3M
It is a 3-meter long parallel bar system that has the same features as the 2-meter model (code no. 01391). Weight: 99 kg

The glider for parallel bars (code 01380) can be used with another identical glider in order to allow the user to autonomously turn around on the spot at the end of the walkpath, so that walking can be continued. Although turning around on the spot is a complex gesture, it can be learned by the patient if supported by the therapist.

See the initial pages of this presentation for more details on the principal characteristics of the product and its accessories.
RETURNING TO A SEATED POSITION

Returning to a seated position by the patient is facilitated by the immediate and precise adjustment of the parallel bars, which allows positioning the handrails at suitable height precisely for carrying out this movement. Therefore, intervention by the operator is limited to watching over the patient without necessarily having to accompany the user out of the parallel bar system.

“These parallel bars allow the physical therapist to minimize wasted energy within the area of working process ergonomics.”

Dr. Marilla Saccavini
Director of the Integrated Department for Geriatrics and Rehabilitation
Hospital University Center, Parma (Italy)
01325 PARALLEL BARS PLUS 2M
It is a 2-meter long parallel bar system used for physical or rehabilitative training activity and includes painted steel framework and a wooden, laminated, wearproof footboard and is equipped with access ramps. The handrails are thermoplastic and non-slip. All parts can easily be washed. These parallel bars can be adjusted for height with the innovative “STandGOSystemTM”, which allows immediate adaptation to the build of the user - both adults and children. The height of the handrails can also be modified during rehabilitation. Additionally, the distance between the handrails can be adjusted. The modularity allows creating (with items code no. 01325 and code no. 01326) parallel bar systems of the desired length by removing the access flights from the joining side. Thermoplastic modules or bags can be used to create specific therapeutic rehabilitation walkpaths.
Weight: 73 kg.

01326 PARALLEL BARS PLUS 3M
It is a 3-meter long parallel bar system that has the same features as the 2-meter model (code no. 01325). Weight: 99 kg.

**TECHNICAL SPECIFICATION**

<table>
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<tr>
<th>ARTICLE CODE</th>
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<tbody>
<tr>
<td>Max dimensions (cm)</td>
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<td>311 x 81 x 108 H</td>
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<tr>
<td>Handrail height adjustment system</td>
<td>double gas spring</td>
<td>double gas spring</td>
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<tr>
<td>Min – max handrail height (cm)</td>
<td>74 ÷ 102</td>
<td>74 ÷ 102</td>
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<tr>
<td>Handrail width adjustment system</td>
<td>Manual, 3 positions</td>
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<tr>
<td>Handrail width min - max (cm)</td>
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<tr>
<td>Individual handrail loadbearing capacity</td>
<td>135 Kg</td>
<td>135 Kg</td>
</tr>
<tr>
<td>Modularity (combination of more parallel bars)</td>
<td>Access slide</td>
<td>Access slide</td>
</tr>
<tr>
<td>Weight</td>
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<td>99 Kg</td>
</tr>
</tbody>
</table>

See the initial pages of this presentation for more details on the principal characteristics of the product and its accessories.
“The geometrical features of the parallel bars in the Plus Line allow covering anthropometric measures of an ample population by simply and immediately adapting themselves to both adults as well as children. In addition, the adjustment system allows immediately lowering the height of the handrails when the patient is able to withstand a greater load of his/her own body weight.”

Dr. Marsilio Saccavini
Director of the Integrated Department for Geriatrics and Rehabilitation
Hospital University Center, Parma (Italy)
01327 PARALLEL BARS PLUS 3 M TILT

It is a 3-meter long parallel bar system used for physical or rehabilitative training activity and includes painted steel framework, a wooden, laminated, wearproof footboard and is equipped with access ramps. The handrails are thermoplastic and non-slip. All parts can easily be washed. These parallel bars can be adjusted for height with the innovative “STandGOSystem™”, which allows immediate adaptation to the build of the user. The height of the handrails can also be modified during rehabilitation. Additionally, the distance between the handrails can be adjusted. The inclination of the main footboard can be varied from 0 to 10 degrees in a simple manner using a manual control. The inclination is servo-controlled by gas springs and allows the therapist to make adjustments with minimal effort, before use by the patient. Thermoplastic modules or bags can be used on the footboard to create specific therapeutic rehabilitation walkpaths.

Weight: 106 kg

Note: The limit bar is standard for the Parallel Plus 3M Tilt model
SLOPING SITUATIONS AT THE GYM
The inclination of the main footboard of this parallel bar system (code no. 01327) allows extending the conditions of ambulation difficulty by the patient within the therapeutic rehabilitation program. In this manner, the patient does not have to leave the gym in order to recreate sloping situations.

TRAINING IN LIMITED SPACE: The Plus line parallel bars are specifically suitable for use in very limited space, as they allow the therapist to do extensive work using a wide range of therapeutic - rehabilitation exercises.
01328 STANDARD PARALLEL BARS 3M

It is a 3-meter long parallel bar system used for physical or rehabilitative training activity. It includes painted steel framework and a wooden, laminated, wearproof footboard, and is equipped with access reps. The handrails are thermoplastic and non-slip. All parts can easily be washed. These parallel bars can be adjusted for height using a telescopic system. Locking is assured by a twin hand wheel that prevents both accidental loosening as well as possible slight settling of the uprights when the ambulating person is being loaded. Thermoplastic modules or bags can be used on the footboard to create specific therapeutic rehabilitation walkpaths. Weight: 85 kg

**TECHNICAL SPECIFICATION**

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<td>Handrail width adjustment (cm)</td>
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<tr>
<td>Footboard incline adjustment</td>
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</tr>
<tr>
<td>Individual handrail loadbearing capacity (Kg)</td>
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<td>removable access slide</td>
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<td>Weight (Kg)</td>
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**ACCESSORIES**

Modular walk paths:
- 08586 ROLLS AND BAGS
- 08587 SENSORY MODULES
- 08589 HEMISPHERES
- 08591 CONCAVE-CONVEX
- 01330 OBSTACLE-HURDLE MODULES
- 02400 1 KG GAIT BAG
- 02410 2 KG GAIT BAG
- 02420 3 KG GAIT BAG
- 02500 300 G MOTOR TRAINING BAG
- 02510 MOTOR TRAINING BAG SET
- 08585 SET OF SENSORY BAGS
- 01379 SET OF THERAPY WALK PATHS
- 01335 CART FOR PORTABLE WALK PATHS
- 01380 PARALLEL BAR GLIDER
- AC0550 LIMIT BAR

To support the patient:
- AC0550 LIMIT BAR

The glider for parallel bars (code 01380) can be used with another identical glider in order to allow the user to autonomously turn around on the spot at the end of the walkpath, so that walking can be continued. Although turning around on the spot is a complex gesture, it can be learned by the patient if supported by the therapist.

See the initial pages of this presentation for more details on the principal characteristics of the product and its accessories.
01329 PARALLEL BARS 2.5 M
It is a 2.5-meter long parallel bar system used for physical or rehabilitative training activity and includes painted steel framework and thermoplastic, non-slip handrails. All the parts can be easily washed. These parallel bars can be adjusted for height using a telescopic system. Locking is assured by a twin hand wheel that prevents both accidental loosening as well as possible slight settling of the uprights when the ambulating person is being loaded. The framework is foldable and is therefore suitable for use in small spaces. It also allows the reciprocal distance between the handrails to be adjusted. Thermoplastic modules or bags can be used to create specific therapeutic rehabilitation walkpaths. Weight: 43 kg

Minimum space occupied with the bars closed is 30 cm.

See the initial pages of this presentation for more details on the principal characteristics of the product and its accessories.
In a progressive therapeutic exercise, the use of stairs for rehabilitation is aimed at reintegration to home and creation of possible difficult situations that might occur in the outside environment.

The modular staircases of the Plus Line, such as the parallel bar systems described earlier, feature the innovative STandGOSystem™ which allows simultaneous and precise adjustment of the two lateral handrails while keeping them perfectly parallel by using a single control that requires minimum effort to be operated.

A foot control activates gas springs for continuous movement, thus assuring maximum precision, and the adjustment can be quickly carried out during the rehabilitative exercise.

The stairs in the Plus Line can be simply and immediately adapted to the anthropometric measures of a person - both adults and children. In addition, the adjustment system allows the height of the handrails to be immediately lowered when the patient is able to withstand a greater load of his/her own body weight and improves his/her motor pattern. In this manner, the parallel bars will not be an obstacle to correct posture for the ambulating user during functional recovery.

**Structural features**

The staircase rehabilitation program makes use of a system consisting of a set of raised platforms and staircases, made up of a painted steel framework, with wear-proof bi-laminated wooden steps and platforms, and thermoplastic non-slip handrails. All parts can be easily washed.

**Safety**

The steps have a continuous design, with rounded corners and tread to facilitate positioning of the foot. In addition, the steps have an insert that reduces the possibility of slipping, while at the same time is a secure foothold during walking.

**Modularity**

Three different types of staircase modules, with high or low steps or a ramp, and four platform modules are available in order to create a suitable configuration in relation both to the space available and specific therapeutic rehabilitation programs. The choice of the configuration can be modified or integrated at a later stage.
The starcases configuration shown is the combination of codes 01340, 01341, 01342, 01343
01337 PLATFORM WITH 1 STAIRCASE
Module intended for use with a single staircase and can be chosen from among three alternatives: low or high steps, or a ramp.

01342 SHORT PLUS STAIRCASE
It includes 3 steps that are 16 cm high.

01341 LONG PLUS STAIRCASE
It includes 5 steps that are 9.5 cm high.

01343 PLUS STAIRCASE WITH RAMP
Combined with the main footboard, an inclination equal to 18° is obtained.

IMPORTANT: when ordering, add the footboard code to the code for the staircase chosen.
01338 FOOTBOARD 2 STRAIGHT STAIRCASES
Module intended for use with two staircases that can be chosen from among three alternatives: low or high steps, or a ramp. A bridge-like structure is created.

01342 SHORT PLUS STAIRCASE
It includes 3 steps that are 16 cm high.

01341 LONG PLUS STAIRCASE
It includes 5 steps that are 9.5 cm high.

01343 PLUS STAIRCASE WITH RAMP
Combined with the main footboard, an inclination equal to 18° is obtained.

IMPORTANT: when ordering, add the footboard code to the codes for the staircases chosen.

Some examples of product configuration:
- cod. 01338 + 01342 x 2
- cod. 01338 + 01341 x 2
- cod. 01338 + 01341 + 01342
- cod. 01338 + 01343 x 2
- cod. 01338 + 01342 + 01343
- cod. 01338 + 01341 + 01343

See the initial pages of this presentation for more details on the principal characteristics of the product.
01339 PLATFORM WITH 2 CORNER STAIRCASES
Footboard 2 corner staircases. Module intended for use with two staircases that can be chosen from among three alternatives: low or high steps, or a ramp. A corner structure is created.

01342 SHORT PLUS STAIRCASE
It includes 3 steps that are 16 cm high.

01341 LONG PLUS STAIRCASE
It includes 5 steps that are 9.5 cm high.

01343 PLUS STAIRCASE WITH RAMP
Combined with the main footboard, an inclination equal to 18° is obtained.

Some examples of product configuration:
- Cod. 01339 + 01342 x 2
- Cod. 01339 + 01341 x 2
- Cod. 01339 + 01341 + 01342
- Cod. 01339 + 01343 x 2
- Cod. 01339 + 01342 + 01343
- Cod. 01339 + 01341 + 01343

IMPORTANT: When ordering, add the footboard code to the codes for the staircases chosen.

See the initial pages of this presentation for more details on the principal characteristics of the product.
01340 PLATFORM WITH 3 STAIRCASES
Footboard 3 staircases. Module intended for use with three staircases that can be chosen from among three alternatives: low or high steps, or a ramp. A combined structure is created.

01342 SHORT PLUS STAIRCASE
It includes 3 steps that are 16 cm high.

01341 LONG PLUS STAIRCASE
It includes 5 steps that are 9.5 cm high.

01343 PLUS STAIRCASE WITH RAMP
Combined with the main footboard, an inclination equal to 18° is obtained.

IMPORTANT: when ordering, add the footboard code to the codes for the staircases chosen

Some examples of product configuration:
- cod. 01340 + 01341 + 01342 x 2
- cod. 01340 + 01342 + 01341 x 2
- cod. 01340 + 01343 + 01342 x 2
- cod. 01340 + 01343 + 01341 x 2
- cod. 01340 + 01341 + 01342 + 01343

See the initial pages of this presentation for more details on the principal characteristics of the product.
01336 STANDARD STRAIGHT STAIRCASE SUPPORT
Module intended for use with two staircases that can be chosen from among two alternatives: low or high steps. A bridge-like structure is created.

01346 STANDARD SHORT STAIRCASE
It includes 3 steps that are 16 cm high. The handrails are at a fixed height.

01345 STANDARD LONG STAIRCASE
It includes five steps that are 9.5 cm high. The handrails are at a fixed height.

Some examples of product configuration:
- cod. 01336 + 01346 x 2
- cod. 01336 + 01345 + 01346
- cod. 01336 + 01345 x 2

IMPORTANT: when ordering, add the footboard code to the codes for the staircases chosen.

See the initial pages of this presentation for more details on the principal characteristics of the product.
**01339 PLATFORM WITH 2 CORNER STAIRCASES**
Footboard 2 corner staircases. Module intended for use with two staircases that can be chosen from among three alternatives: low or high steps, or a ramp. A corner structure is created.

**01346 STANDARD SHORT STAIRCASE**
It includes 3 steps that are 16 cm high. The handrails are at a fixed height.

**01345 STANDARD LONG STAIRCASE**
It includes five steps that are 9.5 cm high. The handrails are at a fixed height.

IMPORTANT: when ordering, add the footboard code to the codes for the staircases chosen.

Some examples of product configuration:
- cod. 01339 + 01346 x 2
- cod. 01339 + 01345 + 01346
- cod. 01339 + 01345 x 2

See the initial pages of this presentation for more details on the principal characteristics of the product.
Posture Mirrors

The modular structure of our mirrors allow both wall mount and trolley installations. In the second case a modular trolley has to be added to in case of order. The mirrors are conceived to be fixed at the wall in vertical position as standard. Horizontal applications can also be possible upon request and after adapting them in production. The hardware is included in the standard supply.

This product can be used in rehabilitation departments, sports centers, gyms and schools.

<table>
<thead>
<tr>
<th>Plain Mirrors</th>
<th>Dimensions</th>
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</thead>
<tbody>
<tr>
<td>03891 Plain Mirror S</td>
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<tr>
<td>03901 Plain Mirror M</td>
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<tr>
<td>03911 Plain Mirror L</td>
<td>100 x 200 h cm</td>
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<table>
<thead>
<tr>
<th>Grid Mirrors</th>
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<tbody>
<tr>
<td>03921 Grid Mirror S</td>
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<tr>
<td>03931 Grid Mirror M</td>
<td>100 x 170 h cm</td>
</tr>
<tr>
<td>03941 Grid Mirror L</td>
<td>100 x 200 h cm</td>
</tr>
</tbody>
</table>

03960 Modular Trolley

The accessory consists of two separate painted steel supports with hardware to be applied to the posture mirror. This trolley can be used with all the illustrated mirrors.

MODULAR TROLLEY

The Chinesport posture mirrors can be used with the modular trolley, accessory code 03960 - MODULAR TROLLEY for a patient posture control during a therapeutic rehabilitation session of assisted ambulation with parallel bars.

OUR POSTURE MIRRORS

The mirrors are glued to an adhesive film for accident prevention with a sheet of compact polystyrene and a back cover in MDF. Therefore, the safe use is always guaranteed by this specific production technique. Safety tests were made under international standard BS 6206:1981.