





- Play Equipment:**
1. Proludic J3851 Diabolo accessible inclusive multi-activity play unit, 2-8 years, including:
Stainless steel slide x 2
Accessible steps to lower platform
Inclined climbing ramp with hand & foot grips
Inclined staircase climber between platforms
Vertical rock face climbing wall with hand & foot grips
Wheelchair accessible den area at ground level under slide with bench seating
Rope net climbing / traversing wall
Climbing ladder
Three deck configuration
Roof to highest platform
 2. Proludic J4912 Origin Robinia timber 3 bay swing, one inclusive accessible pod swing with ideal transfer height from wheelchair, large supportive pod seat and rubberised edge bumpers, two standard flat swing seats, one standard toddler cradle seat, one Gametime Zero-G inclusive swing seat with lockable harness, anti-wrap bearings, 2+ years
 3. Proludic J2411 accessible inclusive single seat spinning bowl, 2+ years
 4. Proludic J4920 Origin Robinia timber four seat seesaw, 3+ years
 5. Proludic J867 Freddie The Frog accessible inclusive spring rocker with supportive side walls and hand & foot rails, 2+ years
 6. Proludic J870 Tommy The Tortoise accessible inclusive spring rocker with supportive side walls and hand & foot rails, 2+ years
 7. Proludic R34-ETP-500 2m x 2m square wheelchair accessible inclusive in-ground trampoline, 3+ years
 8. Proludic J2409 accessible inclusive flush-mounted wheelchair roundabout, with large deck and room for up to two wheelchairs, three large supportive stainless steel handrails and large double seating bench for kids or carers, 2+ years
 9. Proludic J2531 IXO timber multi-activity play unit, 6-14 years, including:
Stainless steel ribbon slide
Parrot climbing mast
Fireman's sliding pole
The great arch overhead ladder & traversing bridge
Wobbly ladder climber
Proludic climbing wall with hand & foot grips, crawl hole and loop handles
Inclined rope net climbing ramp
Horizontal twirling and chinning bars
Suspended wobbly platform
Two high elevated decks
 10. Fahr freestanding visual tactile sensory play panel - four in a row game, 2+ years
 11. Fahr freestanding auditory visual tactile sensory play panel - virtuosos tube chimes, 2+ years
 12. Fahr freestanding visual sensory play panel - wavy mirror, 2+ years
 13. Fahr freestanding visual tactile sensory play panel - chunky noughts and crosses game, 2+ years
 14. Ecoplastic model 12 sunseat with back rest and arm rests x 2
 15. Ecoplastic model 66i wheelchair accessible inclusive picnic table
- Play Area:**
- The play area measures approximately 14920mm x 30655mm, total area 477m² with an additional curved area to one corner.
- Safety Surfacing:**
- Garden Escapes resin-bound rubber mulch safety surfacing, green and natural colour mix, is to be installed to the play zones as shown.
- Surfacing thicknesses will vary to meet the free fall heights requirements of each piece of play equipment, as per current EN1176 & 1177 safety standards.
- The colour scheme(s) and/or theme(s) shown on the drawings are for illustration purposes only and can be amended to reflect any desirable colour scheme or theme as required.
- Remaining Surfacing:**
- The large area of 448m² indicated in the tender is to be finished with topsoil, grass seed and some suitable shrubs to the quoted value of €1250.
- Porous open textured bitmac surfacing is to be installed to all areas of the playground not finished in safety surfacing.
- All remaining areas will remain in their current condition, with any disturbed areas being reinstated on completion.
- Fencing:**
- 1.2m high safetop weldmesh fencing, galvanised and powdercoated green, is to be installed to the perimeter of the play area.
- Two self-closing gates, galvanised and powdercoated yellow for enhanced visibility, are to be installed as shown.

PLAY ACTIVITIES & COMPONENTS

Play Equipment:

1. Proludic J3851 Diabolo accessible inclusive multi-activity play unit, 2-8 years, including:

Stainless steel slide x 2
Accessible steps to lower platform
Balancing bridge between platforms
Inclined climbing ramp with hand & foot grips
Inclined staircase climber between platforms
Vertical rock face climbing wall with hand & foot grips
Wheelchair accessible den area at ground level under slide with bench seating
Rope net climbing / traversing wall
Climbing ladder
Three deck configuration
Roof to highest platform

2. Proludic J491Z Origin Robinia timber 3 bay swing, one inclusive accessible pod swing with ideal transfer height from wheelchair, large supportive pod seat and rubberised edge bumpers, two standard flat swing seats, one standard toddler cradle seat, one Gametime Zero-G inclusive swing seat with lockable harness, anti-wrap bearings, 2+ years

3. Proludic J2411 accessible inclusive single seat spinning bowl, 2+ years

4. Proludic J4920 Origin Robinia timber four seat seesaw, 3+ years

5. Proludic J867 Freddie The Frog accessible inclusive spring rocker with supportive side walls and hand & foot rails, 2+ years

6. Proludic J870 Tommy The Tortoise accessible inclusive spring rocker with supportive side walls and hand & foot rails, 2+ years

7. Proludic R34-ETP-500 2m x 2m square wheelchair accessible inclusive in-ground trampoline, 3+ years

8. Proludic J2409 accessible inclusive flush-mounted wheelchair roundabout, with large deck and room for up to two wheelchairs, three large supportive stainless steel handrails and large double seating bench for kids or carers, 2+ years

9. Proludic J2531 IXO timber multi-activity play unit, 6-14 years, including:

Stainless steel ribbon slide
Parrot climbing mast
Fireman's sliding pole
The great arch overhead ladder & traversing bridge
Wobbly ladder climber
Proludic climbing wall with hand & foot grips, crawl hole and loop handles
Inclined rope net climbing ramp
Horizontal twirling and chinning bars
Suspended wobbly platform
Two high elevated decks

10. Fahr freestanding visual tactile sensory play panel - four in a row game, 2+ years

11. Fahr freestanding auditory visual tactile sensory play panel - virtuoso tube chimes, 2+ years

12. Fahr freestanding visual sensory play panel - wavy mirror, 2+ years

13. Fahr freestanding visual tactile sensory play panel - chunky noughts and crosses game, 2+ years

14. Ecoplastic model 12 sunseat with back rest and arm rests x 2

15. Ecoplastic model 66i wheelchair accessible inclusive picnic table

INCLUSIVE PLAY PROVISION

Inclusive play provision and accessibility for all is at the heart of our playground proposal for this project. We have included the following pieces of equipment which are accessible, inclusive and suitable for children and adults of all ages and abilities:

Proludic J3851 Diabolo accessible inclusive multi-activity play unit features low-level accessible steps directly adjacent to a low-level stainless steel slide. This means that special needs users don't have to traverse the entire play structure to use a slide. The unit then progresses through gently sloping ramps and accessible steps to the upper decks where further more challenging play opportunities await. In addition, there is a ground level, wheelchair accessible den area with seating below the large slide for social gathering and imaginative play opportunities.

Proludic J491Z Origin robinia 3-bay swing offers two flat standard seats, one cradle seat and one Gametime Zero-G special needs moulded seat (with lockable harness). In addition this swing offers an inclusive pod swing, with ideal transfer height from wheelchair, large supportive pod seat and rubberised edge bumpers.

Proludic J2411 accessible inclusive single seat spinning cup, 2+ years.

Proludic J4920 seesaw features low-level access for those with sufficient muscular strength and co-ordination to use the item.

Proludic J867 Freddie The Frog and J870 Tommy The Tortoise accessible inclusive spring rockers with supportive side walls, hand & foot rails.

Proludic R34-ETP-500 2.0m x 2.0m in-ground trampoline is flush-mounted and directly accessible for wheelchair users for delightful bouncing and springing sensations.

Proludic J2409 accessible inclusive wheelchair roundabout features flush-mounted, ground level access for wheelchair users, room on the large deck for up to three chairs / prams, large bench seat for kids & carers and supportive handrails for security.

Proludic J2531 IXO timber multi-activity play unit is accessible for those users with sufficient mobility to use the low-level climbers to gain access to the upper decks. This play unit also features a ground-level, below-deck wheelchair accessible den area with wobbly platform / seat.

Fahr freestanding auditory, tactile & visual sensory play panels are provided in this design (tube chimes, wavy mirror, 4-in-a-row game and nought & crosses game) and are all fully accessible from ground level.

These combinations of equipment provide a wide-ranging design full of accessible, inclusive equipment, offering sliding, swinging, climbing, bouncing, spinning, balancing, socialising, imaginative play opportunities.

They also offer a variety of challenge for users of all ages and abilities, as well as a progressive level of physical effort and exertion.

Several items such as the play units, roundabout, seesaw and swings allow for congregating and group social play.

All equipment is of course designed for safe use by all, and is certified to the latest playground safety standards EN1176 1177.

Entry ways through gates, site levels and path widths are all suitable for wheelchair users, prams and other mobility devices.

Between equipment, there are ample areas for flowing and moving throughout the equipment with spatial clashes between users.

Wide self closing gates and perimeter fence provide an easily accessed, enclosed and safe play environment.

Clear pictorial signage provides bi-lingual information in a clear and concise manner.

Ultimately we feel that this proposal caters for children of all ages and abilities.

Sensory Play

As noted above, we have included numerous sensory play items throughout the play area and site, but we will expand on how we have addressed the **SEVEN SENSES** as follows:

Auditory Sensory Play: - stimulating the sense of hearing of all users is achieved through the inclusion of the following equipment or site amenities:

- Chimes play panel
- General playground sounds – swings swinging, swooshing down slides, clanking on decks, children laughing & screaming

Tactile Sensory Play: - stimulating the sense of touch of all users is achieved through the inclusion of the following equipment or site amenities:

- Numerous materials used throughout the site and play equipment offer a different tactile experience as the children explore and progress through the playground
- Rope to climbing nets
- Metal to toddler play int, swing chains, roundabout, fencing & gates etc etc
- Plastic to play panels
- Concrete to path surrounds
- Tarmac paths
- Wood – timber frame swings, play unit, seesaw
- Rubber in equipment components

Visual Sensory Play: - stimulating the sense of sight of all users is achieved through the inclusion of the following equipment or site amenities:

- Virtually everything in the play area contributes to visual sensory stimulation; everything we see activates our sense of sight at all times
- Various colours throughout site – natural colours used mostly on equipment to blend with the semi-rural environment, existing trees etc

- Changes in site elevation with high play items are eye-catching
- Bright primary colours in items such as game play panels, chimes, spring rockers etc contrast with the natural colour scheme elsewhere and stand out in a stimulating fashion
- The movement of the child when he or she slides, swings, spins, crawls or bounces etc is also very visual stimulating, providing varied perspectives on their world
- Contrasting gate colour to that of the fence to allow those with visual impairment to better see the entrance / exit

Olfactory Sensory Play: - stimulating the sense of smell of all users is achieved through the inclusion of the following equipment or site amenities:

- Planting throughout the site will provide lots of varied smells at various times of the year
- Other planting such as hedges and grassed areas outside the playground will do likewise
- Various materials such as rubber, sand etc will also contribute their own smells

Proprioceptive Sensory Play: - stimulating the sense of the relative position of neighbouring parts of the body and strength of effort being employed in movement is of vital developmental benefit to children of all ages and abilities. This is achieved in no ONE PARTICULAR way in the play area, but rather through the combination of activities, how a child approaches each activity, how he or she experiences his or her movement and position on the activity and how he or she learns from the experience. Certainly this sensory stimulation is provided in our design as follows:

- Changes in elevation and the user having to move up and down – play units, high play equipment, rope net climbers
- Dynamic play equipment which provides movement – swings, slides, spring rockers, seesaws
- Active equipment which the user has to exert an effort to use, activate muscles to pull against gravity and experience the end result of their movement – climbers, rope net climber, swings, seesaw, spring rockers, spinning

Vestibular Sensory Play: - stimulating the sense of balance and spatial orientation of the user ties in with the above notes on Proprioceptive sensory play. This sensory stimulation is provided in the following ways:

- Changes in elevation and the user having to move up and down – play units, high play equipment, rope net climbers
- Dynamic play equipment which provides movement – swings, slides, spring rockers, seesaws
- Active equipment which the user has to exert an effort to use, activate muscles to pull against gravity and experience the end result of their movement – climbers, rope net climber, swings, seesaw, spring rockers, spinning

Gustatory Sensory Play: - stimulating the sense of taste in a user is not something which we commonly encourage or try to develop in an actual playground environment. Tasting of the play equipment may very well happen, particularly in the toddler areas, but is not something that we actively seek to encourage, for obvious reasons! Nevertheless, in providing the wildflower areas and other elements which stimulate the sense of smell, this has a small contributory factor in stimulating the sense of taste.

Creative, Social and Educational Activities

Creative Activities: - we have provided several opportunities throughout the play area for children to exercise their creative talents:

- Musical play panel allow children to create music and sound together

- Themed play items such as the animal spring rockers
- Two games panels allow kids to play fun and educational games together
- High play units with looped course allow creation of chasing and other imaginative games

Social Activities: - the very essence of **INCLUSIVE PLAY** is to provide an arena where children of all ages and abilities can play together. With that in mind, we have provided numerous items of equipment and site amenities which provide this:

- Large senior play tower with large user capacity, linked to several climbing, sliding and other play challenges, allow children to gather together
- Large inclusive roundabout suitable for wheelchair access and multiple users to spin together
- Large inclusive trampoline suitable for wheelchair access and multiple users to bounce together
- Three-bay swing set including flat, cradle and inclusive seats to swing together
- Pod swing, often one of the most popular items on any playground, allows numerous children of various abilities to gather and swing together
- Musical play panels allow children to make music together
- Games panels to play games together
- Large toddler play unit includes three large square decks with large user capacity, linked to numerous sliding, climbing and sensory play items for play together
- Four seat seesaw allows us to four children to spring on the seesaw together and work in co-operation to provide movement

Educational Activities: - education is a very broad subject and means different things to different children at different ages.

For toddlers, they must learn to develop physically and mentally by challenging their limitations and making progress and new experiences each day.

Therefore, for toddlers, we have provided a wide range of age appropriate equipment which challenges them and allows them to develop physically via small-scale climbers on the play unit, accessible steps, slides and providing other sources of gentle movement like rocking and spinning.

Increased physical challenges are also important as children age, so they can graduate from the toddler play unit and toddler play equipment to the senior unit with its increased height, increased challenge and more physical items such as roundabout, swings, trampoline and tough climbers.

Children of all ages can also benefit from the educational play on offer from the musical play panel, games play panels, the visual effects of the mirror panel, the cause-and-effect use of the roundabout, trampoline, seesaws, swings and rope net climber.

Access to site

The width of the single pedestrian gate is a standard 1.2m wide to allow passage of wheelchairs and prams.

Circulation space to all pieces of play equipment has been maintained.

Two seating benches with back rest are also positioned throughout the site to provide supportive rest areas for those who need it, as well as two easy access picnic tables for wheelchair users positioned also for parental supervision at various parts of the playground.

LAYOUT & DIMENSION DETAILS

Play Area:

The play area measures approximately 14920mm x 30655mm, total area 477m² with an additional curved area to one corner.

Safety Surfacing:

Garden Escapes resin-bound rubber mulch safety surfacing, green and natural colour mix, is to be installed to the play zones as shown.

Surfacing thicknesses will vary to meet the free fall heights requirements of each piece of play equipment, as per current EN1176 & 1177 safety standards.

The colour scheme(s) and/or theme(s) shown on the drawings are for illustration purposes only and can be amended to reflect any desirable colour scheme or theme as required.

Remaining Surfacing:

The large area of 448m² indicated in the tender is to be finished with topsoil, grass seed and some suitable shrubs to the quoted value of €1250.

Porous open textured bitmac surfacing is to be installed to all areas of the playground not finished in safety surfacing.

All remaining areas will remain in their current condition, with any disturbed areas being reinstated on completion.

Fencing:

1.2m high safetop weldmesh fencing, galvanised and powdercoated green, is to be installed to the perimeter of the play area.

Two self-closing gates, galvanised and powdercoated yellow for enhanced visibility, are to be installed as shown.

SAFETY SURFACING SPECIFICATION

Garden Escapes resin-bound rubber mulch surfacing, natural coloured mix, is to be installed to the play equipment safety zones as shown in the tender drawings and the design herein.

Surfacing thicknesses will vary to meet the free fall heights requirements of each piece of play equipment, as per current EN1176 & 1177 safety standards.

The colour scheme(s) and/or theme(s) shown on the drawings are for illustration purposes only and can be amended to reflect any desirable colour scheme or theme as required.

EN1176 & 1177 CERTIFICATION

All play equipment used in these proposals is certified to EN1176 safety standards. A comprehensive package of certificates is enclosed under separate cover to show that **EVERY COMPONENT** used in these proposals complies with EN1176.

Likewise I also enclose our certification for our safety surfacing to prove that it meets the requirements of EN1177.