RevTime ILP20 Multi Use Rubber Tiles Instructions

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Contents

Multi-use Rubber Tiles

Rubber Playground tiles – installation instructions p1

"To help prevent future problems, these installation instructions MUST be followed .. INSTALLATION GUIDELINES FOR Rubber Playground tiles Rubber Playground tiles, like all Rubber, are sensitive to climatic conditions. They will curl and contract by up to 1% in hot weather and expand by up to 1% in wet weather. The correct application of adhesive will help prevent Rubber Playground tiles lifting and gaps forming. If gaps appear in your installation which close after wet weather, then the correct type, amount or use of adhesive has not been followed. Standard black or dyed SBR Rubber Playground tiles will release carbon black as they age and particularly in hot weather. Standard green and red Rubber Playground tiles, especially ILP20 and ILP 25, should NEVER be laid on fresh concrete as the alkaline in the uncured cement will cause a blue discolouration of the Rubber Playground tiles. When installing green, red and black SBR Rubber Playground tiles in the same installation, the Installer should be aware that due to raw material implications, each colour Rubber Playground tiles will differ in size. Although this difference is minimal, particular care on installation of chequerboard patterns should be taken. Rubber Playground tiles can be cut using a jigsaw or sharp trimming knife

ADHESIVES

Failure to use outdoor adhesive Mapei Adesilex G20 will invalidate warranty

GENERAL ADHESIVE GUIDELINES

- Always use the correct amount of adhesive.
- Ensure that the solid base is DRY,clean and free of debris and dust.
- Ensure that at least 60% of the underside of the Rubber Playground tiles have adhesive applied.
- Always apply adhesive ensuring Rubber Playground tiles feet are well covered to ensure a secure bond.

FLUSH MOUNTED INSTALLATIONS

We recommend flush mounted tiles be laid using a concrete edge. We do not recommend the use of wooden edges as it is difficult to achieve the necessary tight fit required to prevent future gaps."

Multi-use Rubber Tiles

Rubber Playground tiles – installation instructions p2
"Excavate the site to a depth of 100mm plus the thickness of the appropriate Rubber Playground tiles. Allowances should be made for drainage,as a continuously waterlogged site will accelerate the breakdown of the adhesive bond. MOT Type 1 Road Stones can also be used beneath the 100mm concrete layer for improved drainage.

Failure to use outdoor adhesive Mapei Adesilex G20 will invalidate warranty

The base should be prepared to the size of the calculated Playground tile area. It must, therefore, be level or the Rubber Playground tiles will have uneven edges which could cause accidents. Rubber Playground tiles are moulded to a +/-lmm thickness tolerance and will measure over 1000mm2 when new.

It is ESSENTIAL that Rubber Playground tiles are 'shoe-horned' into their prepared base to create a tight fit which will allow the Rubber Playground tiles to contract during climatic change without leaving gaps.
Before laying Rubber Playground tiles, ensure the surface is dry, clean and dust free. Concrete curing specifications should be followed as recommended by the adhesive manufacturer.
However, we suggest that one month should elapse between the laying of concrete or tarmac and the bonding of Rubber Playground tiles to it.
As the laying of Rubber Playground tiles commences, it is advisable to lay one row without applying the adhesive to obtain a suitable datum line. On approaching the equipment, mark and cut around the legs etc, using a sharp trimming knife or jigsaw. Care should be taken to be as precise as possible as any errors at this stage will escalate as more Rubber Playground tiles are laid.

When laying the Rubber Playground tiles keep pushing them tightly up against each other, ensuring they do not bounce back. It is important to check the alignment of the Rubber Playground tiles edges and cruciform pattern as you go.

SURFACE MOUNTED INSTALLATIONS

These installations are more likely to suffer from gaps in extreme climatic conditions because they have no supporting edging to hold the Rubber Playground tiles in the really tight fit required. However, we recommend that particular attention be applied to the adhesive on ramp edges and corners to prevent lifting and vandalism. Weights may be placed onto the outer tiles to ensure secure bonding.

INSTALLATION CHECKLIST

* Prepare the base to the correct size allowing for the shrinkage and expansion of the tiles. o Do not lay surface mounted tiles unless absolutely unavoidable.
* Read our Technical Data Sheets before starting the installation. o Concrete should be dry, clean, dust-free and cured.
* Tiles should never be laid on powdery concrete.
* New tarmac must be left at least one month allowing it to vapour off.
* Remove tiles from pallets and lay out on site to acclimatise to local conditions for 12 hours. o All adjacent Tiles must be laid on the same day to ensure conformity of lines."

Multi-use Rubber Tiles

Rubber Playground tiles – installation instructions p3 "Checklist Continued…..

* Take care not to lay coloured Rubber Playground tiles from different batches together, as there may be some difference in colour.
* Use the recommended amount of adhesive. o Use the adhesive correctly.
* Pay particular attention to a good adhesive bond on the tile edges.
* Keep kicking, pushing and shoehorning the tiles tightly against each other whilst the adhesive sets. o Always wear gloves when laying tiles.
* If the adhesive comes into contact with skin, wipe off excess with a paper towel, then clean with resin removing cream or hand cleanser – do not use solvents.
    Finally, wash with soap and water.
* Always follow normal site safety procedures to protect yourselves and the public.

CARE OF YOUR INSTALLED Rubber Playground tiles During hot, dry spells Rubber Playground tiles should be doused with water occasionally to prevent them drying out completely.
Clean Rubber Playground tiles, if necessary, with a weak solution of washing-up liquid and water. A hard broom or jet wash can be used. DO NOT put oil-based or petroleum-based chemicals on your Rubber Playground tiles.
HEALTH AND SAFETY EXECUTIVE
The Health and Safety Executive have indicated they may have difficulty in accepting four parts of BSENl 76 in the event of an accident investigation.
The reduction in the minimum surfacing distance of 1.Sm. A minimum distance of 1.75m may be looked for. The Executive may accept 1.75m as a maximum distance.
The Minimum Use Zone. It is suggested that the MUZ (or free space) should be maintained to the old BS5696 distance (although 1.75m has been suggested for both static and moving equipment).

The failure to provide an in-fill for barriers and guardrails.
Ladders without a lower rung are viewed as a problem for children descending and where a difficult access has to be provided, it should not be a ladder.
Certificate number 1687
Purchasers of play equipment should be aware that although the equipment, surfacing and installation may meet BS ENI 76,justification would need to be provided to the Executive in the case of an accident involving these areas. RoSPA, API and NPFA will issue more guidance when it is available.
Purchasers should bear this in mind when preparing tender documents."

Documents / Resources

RevTime ILP20 Multi Use Rubber Tiles [pdf] Instructions
ILP20, ILP25, ILP20 Multi Use Rubber Tiles, ILP20, Multi Use Rubber Tiles, Use Rubber Tiles, Rubber Tiles, Tiles

References

- **User Manual**