Tray-Dec Steel Composite Flooring System

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1 Specification Details

Trade Sections: Concrete, Metalwork
Description: Tray-dec is a metal and concrete composite floor system where the steel tray acts as formwork, and remains in place following commissioning.
Keywords: Metal tray concrete filled Tray dec Tray-dec composite formwork

2 Clauses

2.1 Scope

Help Note:
This specification relates to Tray-dec Composite Flooring Systems. For more information, refer to www.traydec.co.nz, email: info@traydec.co.nz or call 0064(0)98209133.

For technical information on products to attach to this project, please visit https://productspec.co.nz/en/supplier/tray dec

2.1.1 Scope

Supply and install the specified Tray-dec system, as a permanent formwork component of a reinforced concrete suspended structural floor system, to the locations identified on the drawings complete with all accessories. All aspects of this work shall be in complete accordance with the Tray-dec 60/80 builders guide or Tray-dec 300 Builders Guide and other relevant Tray-dec technical literature (check www.traydec.co.nz/resources/, email: info@traydec.co.nz or call 0064 (0)98209133 for the latest editions), NZS 3101, NZS 3404, other relevant product manufacturers' recommendations, and as shown on the drawings.

This specification covers the Tray-dec 60 / 80 and 300 systems including accessories and associated requirements. No substitutions are permitted for the specified Tray-dec 60 / 80 /300 Flooring System.

For additional information, refer to:
- Tray-dec Product Guide
- Tray-dec CAD Files
- Tray-dec Accessories
- Tray-dec BRANZ Appraisal
- Tray-dec Acoustic report
- Tray-dec Maintenance Schedule
- COBENZ; Tray-dec Sectional Properties

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2.2 Tray-dec 60 Flooring System

Help Note:

This specification relates to Tray-dec 60 Composite Flooring Systems. For more information, refer to www.traydec.co.nz, email: info@traydec.co.nz or call 0064(0)98209133. Please select which thickness is required and complete the clause

2.2.1 Tray-dec 60: 0.75mm BMT G550 Suspended Composite Flooring System

The contractor shall install the Tray-dec 60 0.75mm BMT Suspended Composite Flooring System. Comprising Tray-dec cold rolled, trapezoidal profiled steel sheet as permanent soffit formwork, manufactured from 0.75mm BMT G550 grade galvanised steel sheet with 275g/m² zinc coating to AS 1397:2011, and all system components, accessories and sundry items and materials, including ready-mix concrete and steel reinforcing bars and welded mesh, necessary for the construction of the floor. The floor shall be constructed to the locations and details shown on the drawings in accordance with the Tray-dec 60 Installation Guide and the Design Engineer's approved documentation.

Floor thickness:
Nominal sheet length/span:
Number of propping rows:
Concrete surface finish:
Location:

2.2.2 Tray-dec 60: 0.95mm BMT G550 Suspended Composite Flooring System

The contractor shall install the Tray-dec 60: 0.95mm BMT Suspended Composite Flooring System. Comprising Tray-dec cold rolled, trapezoidal profiled steel sheet as permanent soffit formwork, manufactured from 0.95mm BMT, G550 grade galvanised steel sheet with 275g/m² zinc coating to AS 1397:2011, and all system components, accessories and sundry items and materials, including ready-mix concrete and steel reinforcing bars and welded mesh, necessary for the construction of the floor. The floor shall be constructed to the locations and details shown on the drawings in accordance with the Tray-dec 60 Installation Guide and the Design Engineer's approved documentation.

Floor thickness:
Nominal sheet length/span:
Number of propping rows:
Concrete surface finish:
Location:

2.3 Tray-dec 80 Flooring System

Help Note:

This specification relates to Tray-dec 80 Composite Flooring Systems. For more information, refer to www.traydec.co.nz, email: info@traydec.co.nz or call 0064(0)98209133. Please select which thickness is required and complete the clause