



INDUSTRIAL CONSTRUCTION COATINGS

Silver Bullet Fusion – SBF 12000

Concrete roof Installation Guide

The way for installation is as follow. This is for a membrane free installation; should you install membrane you can get away with less product hence a cheaper cost yet as effective.

- Note that SBF 12000 (**Roll on**) – Has been formulated with additives so that the product is applied by brush or roller. For spray on application make use of SBF 12000 (**Spray On**) – This has been formulated for spray on application.
****Important note**** Never exceed 1mm per coat and allow proper curing prior to installing more coats.

Installation Intervals

- **3 Year installation** with maintenance every 3 years done to the current system. The installation required is 1.5mm to install the system and maintaining it every 3 years. Maintenance will be a minimal 250 micron every 36 months.
- **6-year installation system.** Maintenance done every 5 years- initial installation requires a 3mm installation so that it can get maintained every 5 years. Maintenance will be minimum 500 micron per maintenance cycle.
- **9-year installation** with maintenance every ten years, is done with an initial installation of 4.5mm this provides you with a ten-year maintenance free break-maintenance to be done every 10-year or preferably in the 9th year. Your maintenance will be 1mm / 1000-micron maintenance every 9 years.

Each of the above options are part and partial of the 30-year warranty. Here we have an installation that suits every client's requirement, and therefore unique to every roof.

For "as-is" installation, NOT PART of the 30-year warranty, you may install SBF12000 on a three-coat application and leave it as is. This can last several years and when the need arises for maintenance there might be more severe maintenance required than on a system that has been maintained properly. This option or way of application will not be regarded for warranty purposes.



www.industrialconstructioncoatings.co.za

sales@industrialconstructioncoatings.co.za | 073-209-3251

290 Foal Road, Knoppieslaagte, Centurion, 0035



INDUSTRIAL CONSTRUCTION COATINGS

Installation with membrane will reduce product usage as follow.

- **3-year:** Initial coating of 1.5mm which will go down to 1mm initial installation maintenance will continue with 250 micron coats every 3 years.
- **6-year** instead of 3mm will be 2mm on installation with maintenance done at 500 microns minimum.
- **9-year** installation instead of 4.5mm will be 3mm installation with maintenance done at 1mm every 9-years.

Did you know that SBF-12000 acts as and Insulator and Thermal Control Coating?

Preparation.

Your longevity of an SBF12000 System will only be as good as your preparation and installation.

- New concrete needs to cure properly prior to installation. *(Should you require faster installation please inquire about a technique that can allow faster installation)* This would be on average 2 weeks of rain free prior to installation up to 28 days full cure.
- Ensure the surface is clean from any debris or foreign substances.
- All cracks and stress areas are prepared by using SBF 12000 to fill cracks and reinforce areas of stress and movement prior to installation of the SBF12000 System.
- For best results from before the parapet wall over the parapet covering the whole structure – they will prevent spider cracks later the face of the parapet so that this does not weather as quickly as it normally does.
- For warranty purposes all work must be recorded from preparation of roof, installation, and completion to cover the contractor and end-user if a claim is submitted.
- You may install a 9-year installation and cover the roof with pebbles or other matter exempting you from maintenance and can only be done whilst exerting caution to prevent damage to the liner.
- Please be sure to have read our warranties and guarantees.
- The fall of the roof needs to be of such design that water flows off the roof. SBF 12000 has no issues with ponding. We can provide light weight screeds to aid with this matter.

- ✚ **For installation on to torch on systems please see the torch on installation guide.**
- ✚ **For installation onto cement tiled roofs please see the tiled roof option.**
- ✚ **For installation onto steel structures please see the installation guide for this system.**



www.industrialconstructioncoatings.co.za

sales@industrialconstructioncoatings.co.za | 073-209-3251

290 Foal Road, Knoppieslaagte, Centurion, 0035