



INDUSTRIAL CONSTRUCTION COATINGS

Silver Bullet Fusion – SBF 7000 Metal Structures

Introduction and overview:

Silver Bullet Fusion consists of two categories, namely, SBF 12000 and SBF 7000, both products are independently formulated for different applications. SBF 7000 has been engineered with the highest level of expertise with an exact goal. The product is versatile for its various applications that it can be used for-Installation guide listed below. There are various options one can choose from depending on what it is that you require from this product.

For the 15-year warranty to stay in place there are 3 installation options for the warranty to be valid. After 15 years there might be more maintenance required on the system. However, the maintenance is straight forward to someone that has the experience in the coatings industry.

Installation Systems:

- ✓ **3-year maintenance intervals**- this installation has maintenance every 36 months, and is an ideal option to choose, especially for clients who have visible roofs, as you have the option to change your roof colour with each maintenance interval.
- ✓ Initial installation would be SBF 7000 on a **125-micron** coating WFT (*wet film thickness*)-two thin coats applied. SBF7000 has a rust conversion and rust inhibitor as part of the formulation of the coating, which will save time and money on installation. On areas where there is a lot of rust you would need to coat a minimum of 250-microns and more, coastal areas specifically.
- ✓ **Waterproofing after rust treatment was done**-SBF 12000 must be installed on all the *overlaps, flashings and other areas* that might pose a threat in water seepage. “Bed” membrane with SBF 12000 to achieve a **2mm** Waterproofed area that is secure. This forms part of preparation, and without this the warranty will be void.
- ✓ Where there are areas that pose a threat because of movement, install material to secure the areas by pop riveting flat sheet metal, this will create a substrate that will support the waterproofing system that will be installed after the roof was secured.
- ✓ Should you have a roof that is not breathing install a breather system to avoid condensation and damages to internal areas.
- ✓ Maintenance coating will be every 36 months with a **125-micron** coating.



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- **6-year maintenance intervals**-this installation or option gives you a thicker application that offers the break every 6-years for maintenance. With every maintenance interval you have options to alternate colours as you do maintenance.
 - ✓ Initial installation would be SBF 7000 on a **250-micron** coating WFT (*wet film thickness*)-two coats applied.
 - ✓ **Waterproofing after rust treatment was done.** SBF 12000 must be installed on all the overlaps, flashings and other areas that might pose a threat in water seepage. Bed membrane with SBF 12000 to achieve a **2mm** waterproofed area that is secure. This forms part of preparation, and without this the warranty will be void.
 - ✓ Where there are areas that pose a threat because of movement install material to secure the areas by pop riveting flat sheet metal this will create a substrate that will support the waterproofing system that will be installed after the roof is secured.
 - ✓ Should you have a roof that is not breathing install a breather system to avoid condensation and damages to internal areas.
 - ✓ Maintenance coating will be every 6 years with a **250-micron** coating.
- **9-year maintenance intervals**-this installation gives you a thicker application that offers the maintenance break every 9 years. With a 500-micron coating WFT (*wet film thickness*).
 - ✓ Initial installation would be SBF 7000 on a **500-micron** coating WFT (*wet film thickness*)-two coats applied.
 - ✓ **Waterproofing after rust treatment was done.** SBF 12000 must be installed on all the *overlaps, flashings and other areas* that might pose a threat in water seepage. “Bed” membrane with SBF 12000 to achieve a **3mm** waterproofed area that is secure. This forms part of preparation, and without this the warranty will be void.
 - ✓ Where there are areas that pose a threat because of movement, install material to secure the areas by pop riveting flat sheet metal this will create a substrate that will support the waterproofing system that will be installed after the roof is secured.
 - ✓ Should you have a roof that is not breathing install a breather system to avoid condensation and damages to internal areas.
 - ✓ Maintenance coating will be every 9 years with a **500-micron** coating.



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- Installation-No Warranty applicable:

- ✓ Choosing any installation and leaving it “as is” with no maintenance done in between, until the client wishes to change the roof colour. No warranty will be applicable for this method, regardless of the system installed.
- ✓ Partial installations can be done on certain areas only, the system is 100% watertight, however no warranty will be granted as most structures have secondary issues that need to be considered.
- ✓ Industrial box gutters and/or residential gutters completely refurbished with the SBF range. Please inquire.

Preparation onto steel structures.

- **New steel surfaces** must be clean, dry and contamination free before painting. Oil and grease must be removed with a good quality degreaser and rinsed with clean water. Observe a water break-free surface during rinsing.
- **Areas of damage or weld seams** should be cleaned thoroughly by sandblasting or wire brushing before coating.
- **Galvanised metal** must be clean, dry and contamination free before painting. Oil and grease must be removed with a good quality degreaser and rinsed with clean water. Observe a water break-free surface during rinsing.
- Flaking and scaled rust must be removed before first coat gets applied. All dust thereof removed by brush into plastic bag.
- All previous paint needs to be removed for the warranty to be in place, this can be done via *wire brush, grinding away previous coatings*. The previous paint will start delaminating at some point and have a negative impact on new system installed.
- **Priming, rust converter, rust inhibitor** is included into the SBF range as a one coat system.
- **Gutters** – areas where the gutters are rusted through, apply first coat by “bedding” membrane and apply SBF12000 as needed to repair integrity, followed by your choice of colour in SBF7000.
- Surfaces must be dry and free from loose particles and debris to allow proper adhesion.

✚ *For installations onto Concrete roofs please see SBF12000 concrete installation guide.*

✚ *For installation onto torch on systems please see the installation guide*

✚ *For installation onto cement roof tiles please see installation guide for cement tiles.*



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