



Memorandum of Understanding / Mica and Metallic Based Coatings

The purpose of this Memorandum of Understanding (“MOU”) is to confirm all parties involved are fully aware and accept the capabilities of EFCO’s coating process when applying mica and metallic flake coatings. Mica and Metallic finish coatings can provide an added level of visual appeal to a project. Their dynamic appearance is produced from visible light reflecting off the mica or metallic flakes embedded inside the finish creating a “sparkling” appearance. However, these same qualities that create depth and brilliant colors can also cause variations in the color and appearance on a project or even within the same part. This variation in color is often referred to as “flop” or “flop of the flake”.

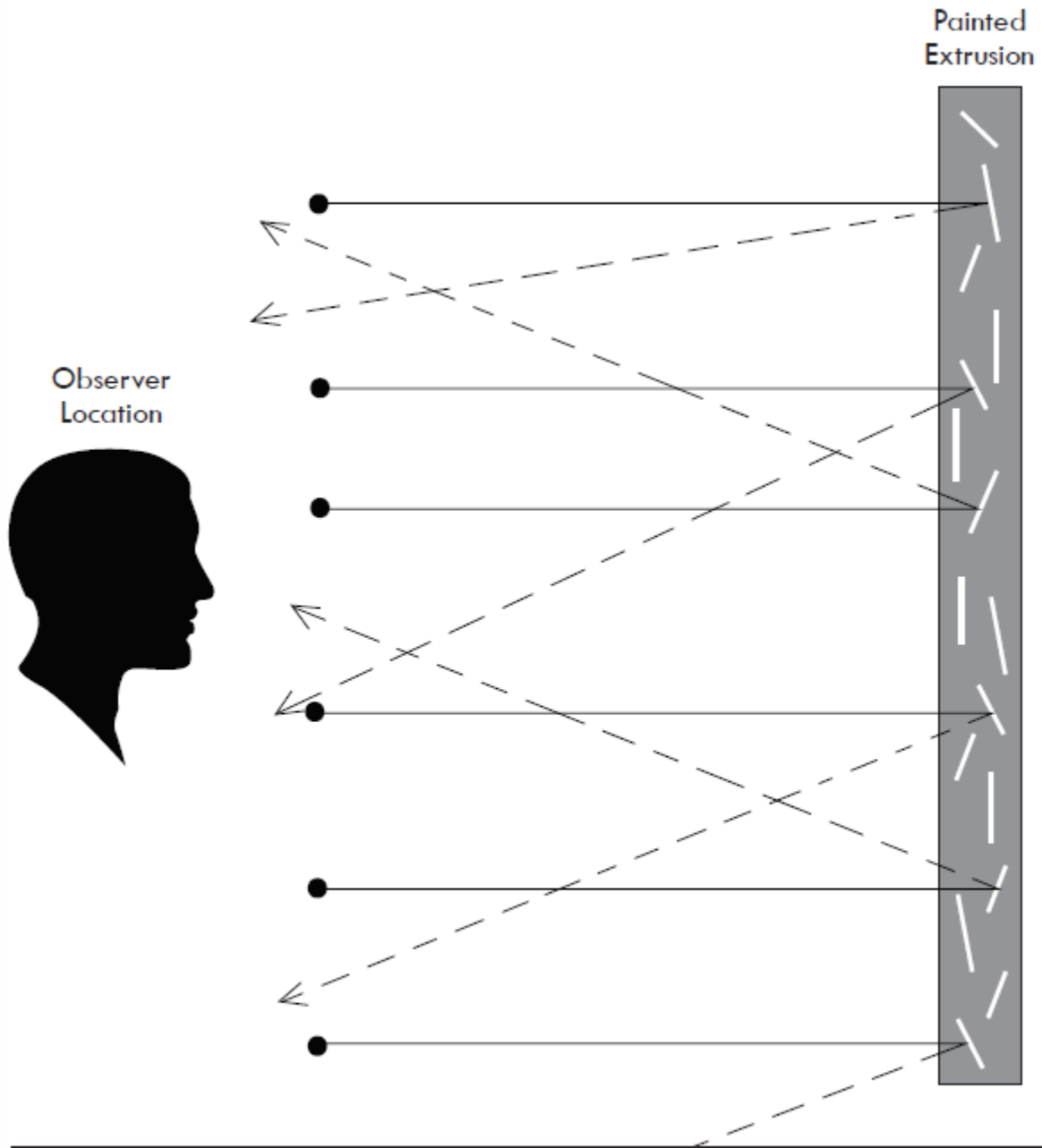
Due to the spray method used to apply the finish, mica or metallic flakes are distributed randomly across the finished surface of an extrusion. The flakes act as tiny, random mirrors that reflect light in different directions. This random orientation of flakes will inherently result in variations in color brightness as our eyes detect varying levels of light. It is entirely possible that two extrusions will appear similar in one orientation but significantly lighter or darker from one another in a different orientation.

When applying mica and metallic flake coatings, EFCO will take all necessary measures to provide the most uniform color possible; however, there will be color variation.

For additional information, contact your local EFCO sales representative.



Metallic Flake Orientation and Reflection



Represents Metallic Flake		Represents Incoming Light	
Represents Dry Film		Represents Reflected Light	