

TRUE METALLIC METAL

The new way to bring metal to life

What is the TMM technique?

The **True Metallic Metal (TMM)** technique seeks to represent realistic metallic surfaces using metallic paints, rather than simulating metal with flat colors as in **Non-Metallic Metal (NMM)**.

TMM allows painters to achieve natural reflections and a visually striking finish with less pictorial artifice, preserving the material richness of metal in miniature.

To master this technique, simply using a metallic paint is not enough. **TMM** requires applying the classical principles of light and shadow used in volume modeling - working with gradients, transitions, and contrasts, just as in any other non-metallic finish.

For years, painters have searched for a way to achieve realistic metallic finishes, with shine, depth, and control over light reflection.

True Metallic Metal (TMM) is Vallejo's answer to that search.



Always follow the information on the product label. Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

The TRUE METALLIC METAL Range

Vallejo presents **True Metallic Metal**, a range developed to offer control, consistency, and spectacular results through simple, effective techniques for painting metallic surfaces on miniatures.

The range is designed to cover the entire color spectrum with metallic paints, organized into **20 chromatic families**.

Each family includes **four sub-ranges** that work in perfect harmony:

BASE Main metallic tone.

LIGHT Metallic highlight.

SHADE Non-metallic satin wash.

AIRBRUSH Metallic base formulated for airbrush use.

Each chromatic family functions as a self-contained color unit but is also formulated to allow inter-family combinations and mixing. This makes it possible to create color gradients, cross reflections, or temperature variations while maintaining visual coherence.



BSL applied to metal

Unlike other systems that rely on constant improvisation, **True Metallic Metal** provides a structured guide to painting with logic. Each color in the system has its own BSL family, allowing painters to plan ahead, maintain chromatic coherence throughout the miniature, and reproduce results consistently, whether painting large units or showcase pieces.

The **BSL system applied to metal** allows painters to plan each element from its value structure: where the light hits, where the shadow falls, and what metallic tone reflects it.

A complete, coherent, and practical system, designed for any kind of miniature: fantasy, Sci-Fi, historical or wargame.



Sub-range features

BASE

Formulated with ultra-fine metallic effect particles, these paints deliver a spectacular result and a shine appropriate to scale. **High covering power** for base layers, with a **smooth**, even finish and **excellent self-leveling** properties that prevent brush marks. All colors can be mixed to create new tones.



LIGHT

Designed to highlight the BASE colors. Brighter and more reflective versions of the 20 BASE tones, they can be mixed in different proportions to achieve **intermediate highlights**. Their fine finish allows **smooth blending** between tones for seamless color transitions.

SHADE

Designed to shade the BASE colors. With a **satin finish** that preserves the shine of the previous Base layer, these washes are darker, non-metallic versions of the 20 BASE tones. They allow **subtle shading** in mid-tones and strong lining in recesses. They can be thinned with water to create smooth gradient effects in shadows. Colors can be mixed together.



AIRBRUSH

Specific formulation for airbrush use of the 20 BASE colors. They are chromatically identical to their BASE counterparts, with an **even finish** and **strong color intensity**. They do not require thinning, although they can be diluted with Airbrush Thinner for subtle effects. Over-thinning may cause uneven results.

*Recommended nozzle: 0.3 mm; pressure: 1.8 bar / 26.1 psi.
Allow adequate drying times between coats for best performance and finish stability.*

Color chart

Light

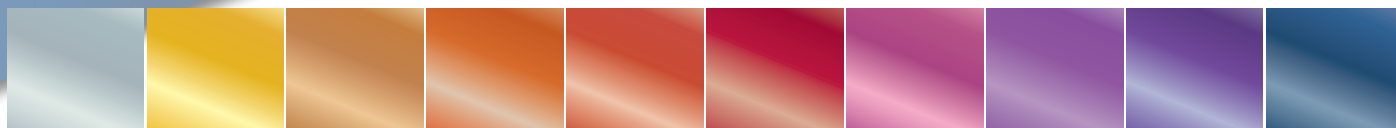


77.101 Sterling Silver 77.102 Radiant Yellow 77.103 Imperial Gold 77.104 Ancient Copper 77.105 Forged Red 77.106 Ruby Red 77.107 Crimson Magenta 77.108 Amethyst Purple 77.109 Celestial Violet 77.110 Ultramarine Blue

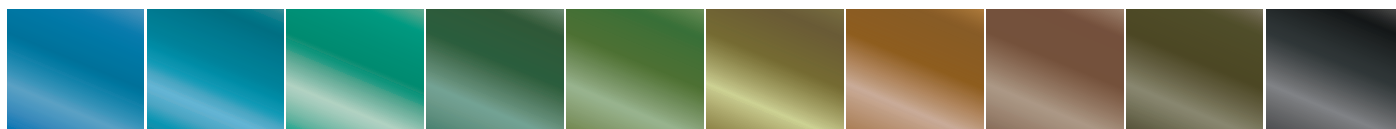


77.111 Sapphire Blue 77.112 Hydra Turquoise 77.113 Beetle Green 77.114 Dusken Green 77.115 Amber Green 77.116 Greenish Gold 77.117 Arcane Gold 77.118 Rusty Metal 77.119 Aged Metal 77.120 Obsidian Black

Base



77.121 Sterling Silver 77.122 Radiant Yellow 77.123 Imperial Gold 77.124 Ancient Copper 77.125 Forged Red 77.126 Ruby Red 77.127 Crimson Magenta 77.128 Amethyst Purple 77.129 Celestial Violet 77.130 Ultramarine Blue



77.131 Sapphire Blue 77.132 Hydra Turquoise 77.133 Beetle Green 77.134 Dusken Green 77.135 Amber Green 77.136 Greenish Gold 77.137 Arcane Gold 77.138 Rusty Metal 77.139 Aged Metal 77.140 Obsidian Black

Shade



77.141 Sterling Silver 77.142 Radiant Yellow 77.143 Imperial Gold 77.144 Ancient Copper 77.145 Forged Red 77.146 Ruby Red 77.147 Crimson Magenta 77.148 Amethyst Purple 77.149 Celestial Violet 77.150 Ultramarine Blue

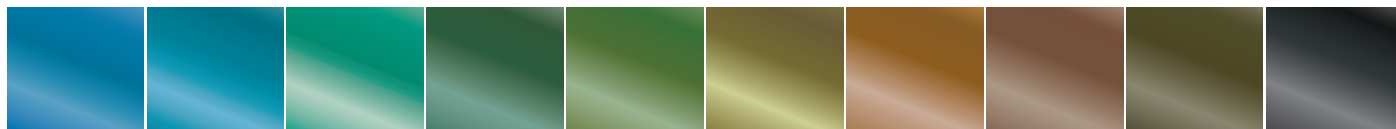


77.151 Sapphire Blue 77.152 Hydra Turquoise 77.153 Beetle Green 77.154 Dusken Green 77.155 Amber Green 77.156 Greenish Gold 77.157 Arcane Gold 77.158 Rusty Metal 77.159 Aged Metal 77.160 Obsidian Black

Airbrush



77.161 Sterling Silver 77.162 Radiant Yellow 77.163 Imperial Gold 77.164 Ancient Copper 77.165 Forged Red 77.166 Ruby Red 77.167 Crimson Magenta 77.168 Amethyst Purple 77.169 Celestial Violet 77.170 Ultramarine Blue



77.171 Sapphire Blue 77.172 Hydra Turquoise 77.173 Beetle Green 77.174 Dusken Green 77.175 Amber Green 77.176 Greenish Gold 77.177 Arcane Gold 77.178 Rusty Metal 77.179 Aged Metal 77.180 Obsidian Black

True Metallic Metal - Color Applications

Light



77.101
Sterling Silver



77.102
Radiant Yellow



77.103
Imperial Gold



77.104
Ancient Copper



77.105
Forged Red



77.106
Ruby Red



77.107
Crimson Magenta



77.108
Amethyst Purple



77.109
Celestial Violet



77.110
Ultramarine Blue



77.111
Sapphire Blue



77.112
Hydra Turquoise



77.113
Beetle Green



77.114
Dusken Green



77.115
Amber Green



77.116
Greenish Gold



77.117
Arcane Gold



77.118
Rusty Metal



77.119
Aged Metal



77.120
Obsidian Black

Base



77.121
Sterling Silver



77.122
Radiant Yellow



77.123
Imperial Gold



77.124
Ancient Copper



77.125
Forged Red



77.126
Ruby Red



77.127
Crimson Magenta



77.128
Amethyst Purple



77.129
Celestial Violet



77.130
Ultramarine Blue



77.131
Sapphire Blue



77.132
Hydra Turquoise



77.133
Beetle Green



77.134
Dusken Green



77.135
Amber Green



77.136
Greenish Gold



77.137
Arcane Gold



77.138
Rusty Metal



77.139
Aged Metal



77.140
Obsidian Black

Shade *



77.141
Sterling Silver



77.142
Radiant Yellow



77.143
Imperial Gold



77.144
Ancient Copper



77.145
Forged Red



77.146
Ruby Red



77.147
Crimson Magenta



77.148
Amethyst Purple



77.149
Celestial Violet



77.150
Ultramarine Blue



77.151
Sapphire Blue



77.152
Hydra Turquoise



77.153
Beetle Green



77.154
Dusken Green



77.155
Amber Green



77.156
Greenish Gold



77.157
Arcane Gold



77.158
Rusty Metal



77.159
Aged Metal



77.160
Obsidian Black

Airbrush



77.161
Sterling Silver



77.162
Radiant Yellow



77.163
Imperial Gold



77.164
Ancient Copper



77.165
Forged Red



77.166
Ruby Red



77.167
Crimson Magenta



77.168
Amethyst Purple



77.169
Celestial Violet



77.170
Ultramarine Blue



77.171
Sapphire Blue



77.172
Hydra Turquoise



77.173
Beetle Green



77.174
Dusken Green



77.175
Amber Green



77.176
Greenish Gold



77.177
Arcane Gold



77.178
Rusty Metal



77.179
Aged Metal



77.180
Obsidian Black

DISPLAY

EX743/743FULL

True Metallic Metal / True Metallic Metal sets

80 colors in 18 ml / 0.6 fl oz bottles (20 chromatic families × 4 references)

64 sets of 4 colors (8 references)

The **True Metallic Metal** display includes the complete range of 20 chromatic families developed according to Vallejo's BSL (Base, Shade, Light) system.

Each family includes four references: **LIGHT**: metallic highlight, **BASE**: main metallic color, **SHADE**: satin shading tone, and **AIRBRUSH**: metallic base formulated specifically for airbrush use - offering a practical and coherent solution for painting metallic effects on fantasy, historical, and wargame miniatures.

The lower hangers also include 8 chromatic family sets, each with 4 colors.

Width: 26.57 in/67,5 cm

Depth: 9.05 in/23 cm

Height: 41.93 in/106,5 cm



TRUE METALLIC METAL CASE

Full Collection

Ref. 77.250

80 x 18 ml/0.6 fl oz True Metallic Metal

This case contains all 80 colors from the True Metallic Metal range, organized into 20 chromatic families, each with its corresponding Base, Shade, Light and Airbrush version - the complete BSL system applied to metal.



It includes 20 Light colors, 20 metallic Base tones, 20 non-metallic satin Shades, and 20 Airbrush Base colors. The case also comes with one round brush, one Dry Brush and two exclusive miniatures, specially designed for this collection.

Contents:

Light	77.101	77.102	77.103	77.104	77.105	77.106	77.107	77.108	77.109	77.110
	Sterling Silver	Radiant Yellow	Imperial Gold	Ancient Copper	Forged Red	Ruby Red	Crimson Magenta	Amethyst Purple	Celestial Violet	Ultramarine Blue
Base	77.111	77.112	77.113	77.114	77.115	77.116	77.117	77.118	77.119	77.120
	Sapphire Blue	Hydra Turquoise	Beetle Green	Dusken Green	Amber Green	Greenish Gold	Arcane Gold	Rusty Metal	Aged Metal	Obsidian Black
Shade	77.121	77.122	77.123	77.124	77.125	77.126	77.127	77.128	77.129	77.130
	Sterling Silver	Radiant Yellow	Imperial Gold	Ancient Copper	Forged Red	Ruby Red	Crimson Magenta	Amethyst Purple	Celestial Violet	Ultramarine Blue
Airbrush	77.131	77.132	77.133	77.134	77.135	77.136	77.137	77.138	77.139	77.140
	Sapphire Blue	Hydra Turquoise	Beetle Green	Dusken Green	Amber Green	Greenish Gold	Arcane Gold	Rusty Metal	Aged Metal	Obsidian Black
Shade	77.141	77.142	77.143	77.144	77.145	77.146	77.147	77.148	77.149	77.150
	Sterling Silver	Radiant Yellow	Imperial Gold	Ancient Copper	Forged Red	Ruby Red	Crimson Magenta	Amethyst Purple	Celestial Violet	Ultramarine Blue
Airbrush	77.151	77.152	77.153	77.154	77.155	77.156	77.157	77.158	77.159	77.160
	Sapphire Blue	Hydra Turquoise	Beetle Green	Dusken Green	Amber Green	Greenish Gold	Arcane Gold	Rusty Metal	Aged Metal	Obsidian Black
Airbrush	77.161	77.162	77.163	77.164	77.165	77.166	77.167	77.168	77.169	77.170
	Sterling Silver	Radiant Yellow	Imperial Gold	Ancient Copper	Forged Red	Ruby Red	Crimson Magenta	Amethyst Purple	Celestial Violet	Ultramarine Blue
Airbrush	77.171	77.172	77.173	77.174	77.175	77.176	77.177	77.178	77.179	77.180
	Sapphire Blue	Hydra Turquoise	Beetle Green	Dusken Green	Amber Green	Greenish Gold	Arcane Gold	Rusty Metal	Aged Metal	Obsidian Black

SETS

The **4-color sets** offer a compact and organized way to work with each chromatic family.

Each set includes the four tones that compose it - **BASE**, **LIGHT**, **SHADE** and **AIRBRUSH** - providing a complete and logical solution for painting metals in a specific hue.

Each set is designed within the **BSL system** structure, ensuring consistent, reproducible results adaptable to any painting style.



Sterling Silver Paint Set

Ref. 77.251

4 x 18 ml/0.6 fl oz True Metallic Metal

A neutral and pure silver tone suitable for any purpose. Ideal for armor, weapons, machinery or as a base for mixing with other colors.

The set includes:

77.101	77.121	77.141	77.161
Sterling Silver (Light)	Sterling Silver (Base)	Sterling Silver (Shade)	Sterling Silver (Airbrush)

Imperial Gold Paint Set

Ref. 77.252

4 x 18 ml/0.6 fl oz True Metallic Metal

A warm, deep gold with orange undertones. Perfect for ornaments, fantasy armor, noble characters or historical miniatures.

The set includes:

77.103	77.123	77.143	77.163
Imperial Gold (Light)	Imperial Gold (Base)	Imperial Gold (Shade)	Imperial Gold (Airbrush)



Ancient Copper Paint Set

Ref. 77.253

4 x 18 ml/0.6 fl oz True Metallic Metal

A reddish metallic tone with an aged character, ideal for worn metals, relics or as a complementary hue for golds.

The set includes:

77.104	77.124	77.144	77.164
Ancient Copper (Light)	Ancient Copper (Base)	Ancient Copper (Shade)	Ancient Copper (Airbrush)

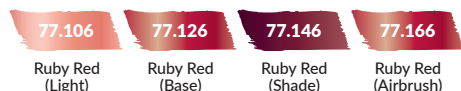
Ruby Red Paint Set

Ref. 77.254

4 x 18 ml/0.6 fl oz True Metallic Metal

A cool, intense metallic red. Perfect for armor, magical weapons, futuristic designs or eye-catching details. Excellent for exploring reflections, contrast, and lighting effects.

The set includes:



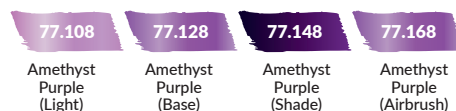
Amethyst Purple Paint Set

Ref. 77.255

4 x 18 ml/0.6 fl oz True Metallic Metal

A reddish-purple with a magical, mysterious touch. Use it on arcane elements, enchanted armor or sci-fi and dark fantasy details.

The set includes:



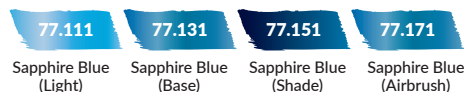
Sapphire Blue Paint Set

Ref. 77.256

4 x 18 ml/0.6 fl oz True Metallic Metal

A bright, saturated metallic blue that adds depth and contrast. Ideal for armor or tempered steel effects, bringing a dynamic and vibrant touch to any palette.

The set includes:



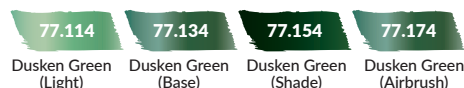
Dusken Green Paint Set

Ref. 77.257

4 x 18 ml/0.6 fl oz True Metallic Metal

A dark green with cool undertones, ideal for ancient metals, artifacts or mysterious finishes. Works especially well in muted, realistic schemes or combined with earthy tones.

The set includes:



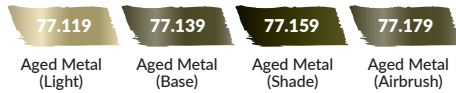
Aged Metal Paint Set

Ref. 77.258

4 x 18 ml / 0.6 fl oz True Metallic Metal

A muted brownish metallic tone designed to evoke weathered, time-worn surfaces. Perfect for war machines, sci-fi panels, medieval armor or scenery elements.

The set includes:



TRUE METALLIC METAL

From the shine of metal
to the depth of color

A new standard in miniature painting