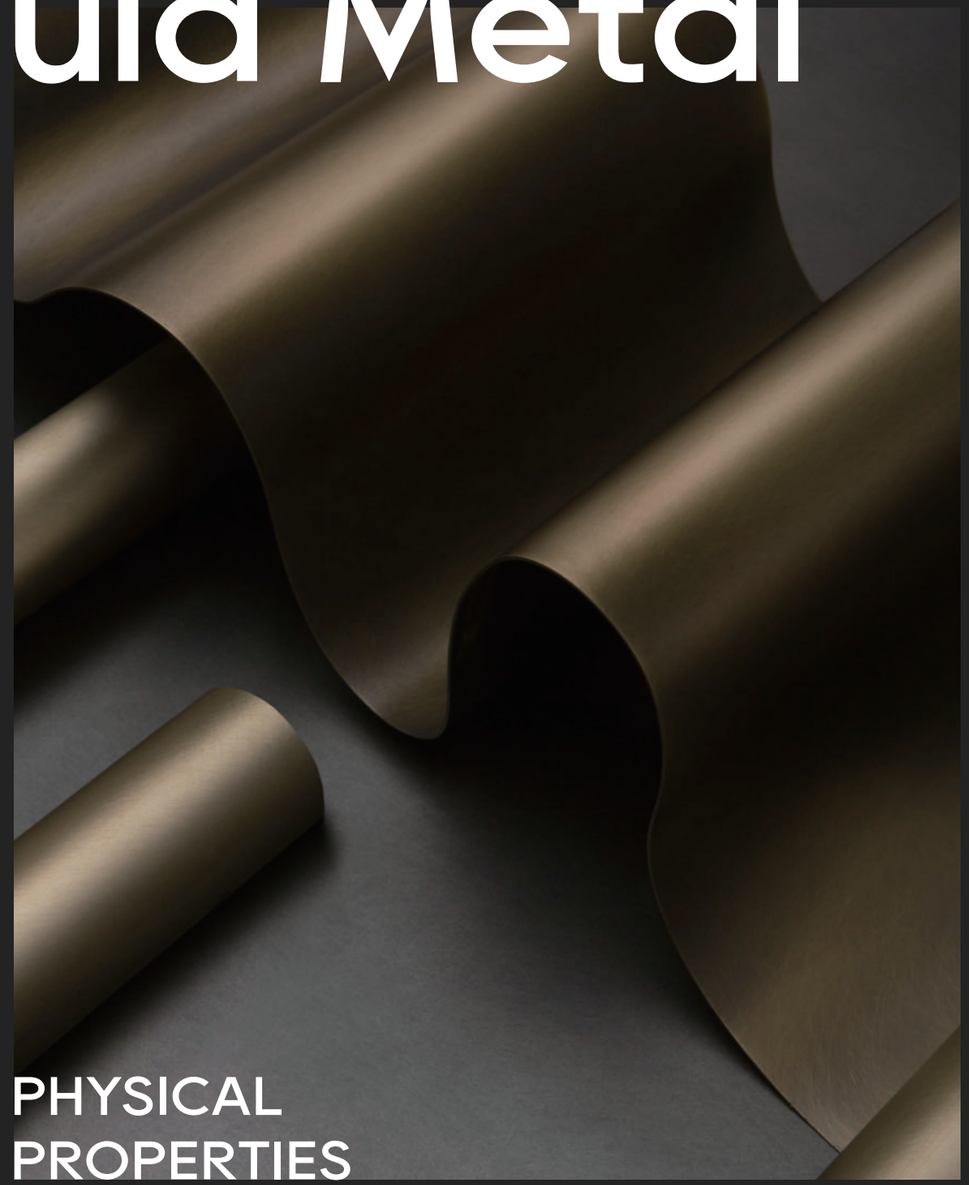


PRODUCT

微金属
Fluid Metal

WJS - 260901

Fluid Metal



PHYSICAL PROPERTIES

物理性能 /

施工视频
Video

微金属具备高硬度、耐磨抗刮、优异附着力及耐候抗紫外性能，低VOC环保配方，不易氧化褪色
支持批刮、辊涂、喷涂等多种施工方式，有效降低发花、团聚等施工风险
适用于室内外多类型基层，满足墙面/楼梯/家具及特色空间的高端金属饰面需求

Fluid Metal has high hardness, wear resistance, scratch resistance, excellent adhesion, weather resistance, and UV resistance. It is not easily oxidized or faded, and has a low VOC environmentally friendly formula
Suitable for various types of indoor and outdoor substrates, meeting the demand for high-end metal finishes

易于维护，防水功能和防霉设计
Easy to maintain Waterproof function and anti mold design

Vanlei 万磊®

COLOR SCHEME SELECTION

色系选择 /

12个标准颜色 + 做旧色浆50g共延伸24个搭配色
可自由搭配配色方案

12 standard colors+50g old color paste, extending a total of 24 matching colors
Free to match color schemes


W1A


W5A

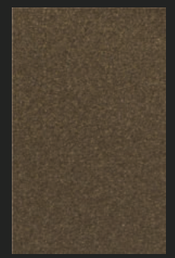

W9A


W1B

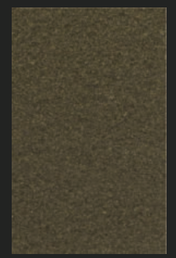

W5B


W9B


W2A


W6A


W10A


W2B

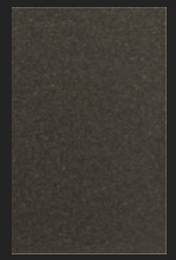

W6B


W10B


W3A


W7A


W11A

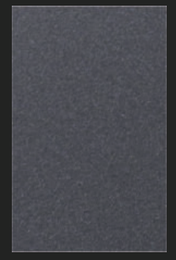

W3B

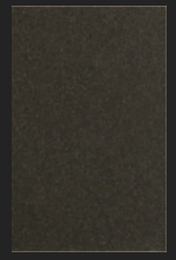

W7B


W11B

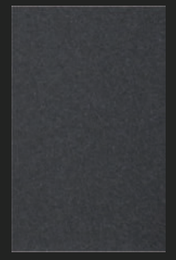

W4A


W8A


W12A


W4B


W8B


W12B

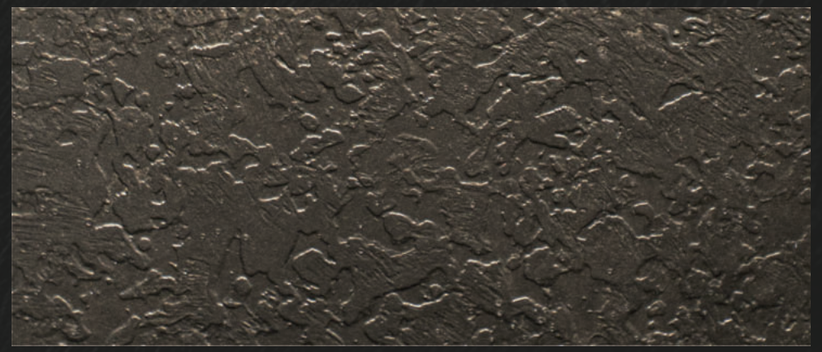
色卡颜色与实际材料颜色有少许差异纯属正常，请谅解。

Texture * 3

3种艺术纹理 / 可供选择


W3A + W3B 雾面


W3A + W3B 拉丝


YLD + W3A + W3B 点印

可大面积涂刷，无缝、细微的色差
Large area seamless painting Minor color difference

外观和质地，纹理清晰明亮，触感光滑
Appearance and texture Clear texture and smooth touch

ENVIRONMENTALLY FRIENDLY FORMULA DESIGN

环保配方设计 /

绿色环保，趋零VOC，低VOC配方


W1A + W1B


W8A + W8B


W7A + W7B


W1B + W1A


W2A + W2B


W6A + W6B


W5A + W5B


W2B + W2A

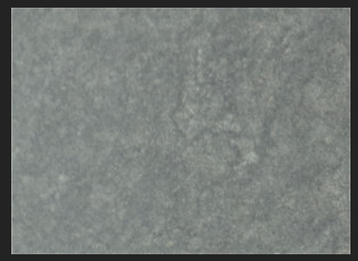

W4A + W4B


W3A + W3B




W3B + W3A


W4B + W4A


W9A + W9B


W10A + W10B


W12A + W12B

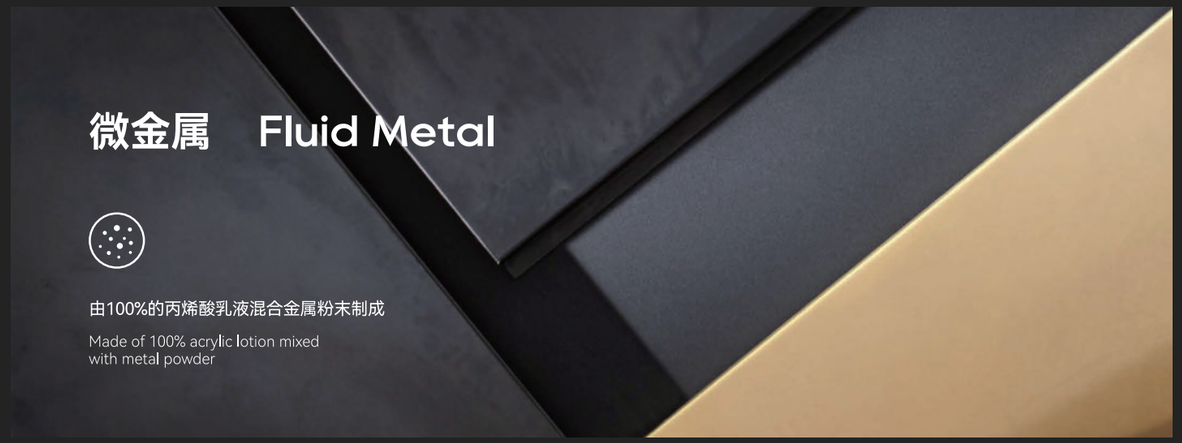

W11A + W11B


W10B + W10A


W9B + W9A

The slight difference between the color on the color chart and the actual material color is purely normal. Please understand.

色卡颜色与实际材料颜色有少许差异纯属正常，请谅解。



微金属　Fluid Metal

由100%的丙烯酸乳液混合金属粉末制成

Made of 100% acrylic lotion mixed
with metal powder

施工步骤　Construction steps

1、找平基面，施工金装渗透底漆1-2遍
2、金装内墙白色底漆/喷涂或滚涂1-2遍

1. Level the base surface and apply 1-2 coats of penetrating primer for the construction of metal fittings
2. Golden interior wall white primer/spray or roll coating 1-2 times

雾面工艺

①喷涂中涂1-2遍，施工至漆膜均匀、完全不透底，待实干
②使用海藻球做局部点印造纹
③更换方海绵拍打揉色，将纹理边界柔化融合，重复操作1-2次

Mist surface technology

① Spray 1-2 times during spraying, apply until the paint film is uniform and completely impermeable, and wait for it to dry
② Use seaweed balls to create local dot printing patterns
③ Replace the square sponge, pat and knead the color, soften and blend the texture boundaries, repeat the operation 1-2 times

拉丝工艺

①喷涂中涂1-2遍，漆膜均匀不透底，待实干
②使用半毛滚筒薄而均匀滚涂主材
③漆膜未表干前，使用布纹刷自上而下一次性拉出拉丝肌理

Wire drawing process

① Spray 1-2 times during spraying, the paint film should be uniform and not transparent, and wait for it to dry
② Use a semi hairy roller to apply thin and uniform coating to the main material
③ Before the paint film dries, use a cloth brush to pull out the brushed texture from top to bottom in one go

点印工艺

工艺须配套万磊云岭鎏珠主材，可以参考云岭鎏珠产品说明表（TDS）
①平批一道云岭鎏珠主材，完全干透后，使用1000目砂纸打磨平整，清除浮灰
②使用海藻球蘸取主材，在基面做不规则点印，随即用批刀轻度收光
③待干透后再次打磨平整、彻底除尘
④薄擦中涂2-3遍，做到基面完全覆盖
⑤完全干燥后，蘸取面涂进行局部点印，再用方块海绵做擦涂做旧

Dot printing process

The process must be matched with Cloudy Metallic main materials, refer to Cloudy Metallic (TDS)
① Flatten one layer of Cloudy Metallic main material, completely dry it, use 1000 grit sandpaper to polish it flat, and remove floating dust
② Dip seaweed balls into the main material, make irregular dot marks on the base surface, and then lightly polish with a spatula
③ After it dries completely, polish it flat again and thoroughly remove dust
④ Apply 2-3 layers of thin rubbing to achieve complete coverage of the base surface
⑤ After completely drying, dip the surface coating for local dot printing, and then use a square sponge for wiping and aging

注意：
①必须等上一道漆膜达到实干状态，严禁湿接叠涂，防止起皱、发花
②肌理造型操作需要把控干燥时间，务必在主材未表干前完成肌理施工
③每道打磨后必须彻底清除表面浮灰
④本产品配套亮光保护面漆，强化金属肌理表现力

Notes:
① It is necessary to wait for the previous paint film to reach a dry state, and wet overlapping is strictly prohibited to prevent wrinkling and peeling
② Texture modeling operations require controlling the drying time and must be completed before the main material dries
③ After each polishing, the surface dust must be thoroughly removed
④ This product comes with a glossy protective topcoat that enhances the expression of metallic texture

抗刮 / 耐弯
Scratch resistant

纹理清晰
Clear texture

多种风格
Multiple styles

绿色环保
Environment protection

无缝、细微色差
Seamless connection

易于维护
Easy to maintain

Vanlei 万磊®

CN

产品概述

微金属是一种超细微片型金属装饰涂层，呈现柔和细腻的金属光泽，可实现自然复古、仿旧金属效果，其自重轻巧，相比液态金属工艺，微金属无需依赖昂贵金属粉料及复杂氧化后处理流程，薄涂即可呈现金属质感与自然氧化效果，性能稳定，施工更简化，易于规模化落地

主要成分

纳米级丙烯酸乳液、纯净水、微金属粉末

适用范围

推荐室内墙面装饰使用，外墙可用

配套工具

羊毛辊筒-YG090、擦色海绵-YG069、海藻球-YG028、喷枪-YG023、布纹刷-YG161、批刀-YG114、砂纸1000#-YG053

施工参数

微金属-中涂　喷涂/滚涂
4-5m²/kg（2遍）

微金属-面涂　擦涂/点涂
15-20m²/kg（1-2遍）

微金属-面涂　拉丝
8-10m²/kg（1遍）

金装内墙保护面漆
6-8m²/kg（1-2遍）

喷涂
15-20%

擦涂/点涂/拉丝
40-50%

金装内墙保护面漆
20-25%

表干时间 / 重涂时间，基于室温25℃，湿度 < 50%
2h，重涂为6-8h，实际干燥24h

配套比例

微金属：2.5kg+50g做旧色浆 + 金装内墙保护面漆

保质期

常温干燥状态下18个月（原装出厂时），加水混合主材后必然影响保质期

执行标准

GB 30981.1-2025《涂料中有害物质限量第1部分：建筑涂料》

注意事项

1、使用前阅读施工说明，以获得可靠和满意的涂装效果
2、请有效分隔、覆盖和遮蔽木制品与墙面的区域
3、气温低于10℃，相对湿度大于80%情况下不能施工
4、同型号不同批次产品会存在色差
5、加水后隔天施工会存在沉淀情况，搅拌后施工即可
6、微金属粉末不属于重金属元素

EN

Product Overview

Fluid Metal is an ultra-fine micro sheet metal decorative coating that presents a soft and delicate metallic luster, achieving a natural retro and antique metal effect. It is lightweight and does not require expensive metal powders or complex oxidation post-treatment processes compared to liquid metal technology. Thin coating can present a metallic texture and natural oxidation effect, with stable performance, simplified construction, and easy large-scale implementation

Ingredient

Nano acrylic lotion, purified water, metal powder

Scope of application

Recommended for indoor wall decoration, usable for external walls

Tools

Wool roller-YG090, color sponge-YG069, seaweed ball-YG028, spray gun-YG023, cloth brush-YG161, batch knife-YG114, sandpaper 1000#-YG053

Construction parameters

Bottom　Spray / Roll Coating
4-5m²/kg（2 Coats）

Surface　Rubbing / spot coating
15-20m²/kg（1-2 Coats）

Surface　wire drawing
8-10m²/kg（1 Coats）

Topcoat　Roll Coating
6-8m²/kg（1-2 Coats）

Spray
15-20%

Rubbing / spot coating
40-50%

Topcoat Roll Coating
20-25%

Dry time/recoating time, based on room temperature of 25 ° C and humidity<50%
2h，Repainting for 6-8 hours

Matching ratio

Fluid Metal: 2.5kg + 50g used color paste + Topcoat

Shelf life

18 months (original factory), mixing with water will inevitably affect the shelf life

Note

1. Read the construction instructions before use to obtain a reliable and satisfactory coating effect
2. Please effectively separate, cover, and shield the area between wooden products and walls
3. Construction cannot be carried out when the temperature is below 10 ℃ and the relative humidity is above 80%
4. There may be color differences between products of the same model but different batches
5. After adding water, there may be sedimentation during construction the next day. Construction can be carried out after mixing
6. Fluid Metal powder does not belong to heavy metal elements

We strictly follow international production standards and carefully recommend materials to you.The above processes have been rigorously used in project construction.

佛山市南海万磊建筑涂料有限公司
Foshan City Nanhai Wanlei Building Paint CO., LTD

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广西生产基地（代码QT）
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广州分公司
广州市荔湾区羊城装饰材料市场172号

南宁分公司
广西壮族自治区南宁市兴宁区快环建材市场

⚠ 注意
公司根据产品技术和发展需要，有权对产品配方进行更新升级，而不对外另行公布，请以最新样板册颜色为准，不便之处，敬请原谅！

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