



ナノ 二酸化ケイ素 9H コーティング

東帝仕高硬度無機結晶鍍膜產品特性說明:

- 1、其結晶層具有密封度高，耐酸鹼、抗靜電、抗紫外線、超強撥水性、排汗。耐磨性強、粘結性好，能抗高、低溫的脹縮反復破壞，不易破裂。
- 2、結晶層填補了漆面的細小毛孔及氧化、腐蝕、劃痕形成的後天缺陷，形成緻密的保護膜，使漆面達到鏡面的效果。漆面硬度可以由 2H 提升到理論硬度 9H (實際 4-5H)。
- 3、有 3 年左右的耐久性，以後洗車不需要再打蠟，封釉，本產品含有二氧化矽能自潔排汗，使日後能更輕易去除漆面上的髒汙。本產品對台灣日益增多的酸雨、沙塵暴、鹽塵腐蝕下的汽車漆面保護特別有效。
- 4、減少草叢、樹枝、風沙對車身產生的劃痕。
- 5、平常請配合結晶鍍膜養護劑養護，延長鍍膜效果及壽命。

東帝仕鍍膜劑施工流程:

拋光前期處理：

- 1、車身沖洗乾淨後擦乾車上的水分及徹底清除舊蠟 (為下一步拋光工序提供良好的幫助)。

拋光及拋光後處理：

- 2、拋光研磨去除劃痕，車身沖洗乾淨，擦乾殘餘水分後進行脫脂，不進行塗抹的地方請用美紋紙防護。

施工高硬度無機結晶鍍膜：

- 3、準備好施工無機結晶鍍膜的材料和工具。
- 4、將無機結晶鍍膜均勻滴在 EVA 鍍膜棉上或無塵鍍膜布上(注意用量不要過多,施工過程中需隨時補充)。
- 5、將 EVA 鍍膜棉以橫、豎交叉的方式或用無塵鍍膜布輕輕塗抹均勻,每次施工範圍 40*40cm。
- 6、施工基本順序:引擎蓋左半邊引擎蓋右半邊→右側葉子板→後視鏡與 A 柱→頂棚右半邊→右側前門版→右側後門板→右側後葉子板→後備箱→後保險杠→左側後葉子板→頂棚左半邊→左側後門板→左側前門板→左側 A 柱於後視鏡→左側葉子板→前保險杠。

7、擦拭結晶鍍膜方法：

- (1) 觸摸法：一般 3-5 分鐘左右我們就可以用手指背面輕觸塗抹的鍍膜層,如果感覺有點黏就可以就行擦拭鍍膜。
 - (2) 目測法：大約 3-5 分鐘左右，會發現塗抹的鍍膜層出現彩虹紋，此時可以進行擦拭鍍膜層。
PS:大約 3 至 5 分鐘就用無塵擦拭布把無機結晶鍍膜全部擦亮,避免有遺漏。(用力要均勻，不能過於用力、過於用力會造成毛巾刮痕，過於小力會有毛巾印和彩虹紋)。
- 8、使用強光/黃光手電筒仔細檢查是否有缺漏。

使用工具：

EVA 鍍膜棉,無塵鍍膜布, 無塵擦拭布.

適用範圍：

車漆、外飾金屬件.

注意事項：

鍍膜前：

以下車輛禁止鍍晶：剛下生產線的新車（夏天 15 天內、冬天 45 天內）；重新噴漆 30 天內的汽車
漆面溫度超過 40°C 請勿鍍膜，必須等待漆面溫度冷卻後施工

塗抹時請保持車身徹底乾燥，邊縫不能有水

不要在太陽直射下使用，應在乾淨涼爽的施工車間使用

不要以畫圓的方式用力的擦拭、塗抹，應該是橫豎交叉輕輕的塗抹

請確認有疏漏的地方再一次進行塗抹

鍍膜中：

發現車漆還有殘餘水漬，必須用毛巾先擦乾淨

塗抹鍍膜時請勿塗抹在塑膠件、玻璃、金屬條上，若不小心塗抹到請立即用乾淨的毛巾擦乾淨

擦拭鍍膜時，一定要乾淨的毛巾或無塵擦拭布，擦拭方法是一下一下、一排壓一排，不是打圓圈的擦拭方法
擦拭鍍膜準備最少兩條毛巾或無塵擦拭布，第一條專門擦第一遍，第二條擦亮鍍晶

鍍膜後：

無機結晶鍍膜施工後 3 天內不能洗車

施工後 24 小時內，儘量避免雨水粘附在車漆表面，如果不小心沾到雨水，請儘快把水分擦拭乾淨，防止浮水印產生

晚上行車時，遇到有蚊蟲等雜物粘附在車漆表面時，應儘快把髒汙清洗乾淨

東帝仕提供專業建議：

車漆表面須做專業處理，徹底清潔（清潔、除劃痕、除油污、除舊蠟）

請用鐵粉去除劑徹底清除車身鐵粉及深層舊蠟，以免影響鍍膜在漆面密著性

請用水性研磨劑做拋光處理，鍍膜後若發生油影狀況，一般為使用油性研磨劑，後沒徹底清除油脂。遇到此情況會影響鍍膜光澤及潑水性，為避免影響鍍膜效果請及時清除鍍膜後重新鍍膜

1 小時後可再按 4-7 的步驟再次塗抹一層

NANO SiO₂ 9H COATING



Features:

1. Its crystalline layer has an excellent effects of sealing, acid resistance, static and UV resistance and super drainage effect.
It's also have strong wear resistance, good adhesion and resistance of repeated damage which caused by the temperature condition of the heat makes expansion and the cold caused contraction .
2. The crystalline layer may fill the tiny pores on the paint surface and the acquired defects caused by oxidation, corrosion, scratches ,and then forming a protective film to make it shiny.
The hardness of the paint surface can be raised from 2H to the theoretically hardness of 9H (actually is 4-5H).
3. Up to 3 years of durability, it means do not need to place the wax and seal glaze for your car before next coating date coming , this product can self-cleaning sewage due to it contains a special ingredient which called Silicon Dioxide, so the stain will be more easily removed which on the paint surface for the future. this product is particularly effective for the car protection under the condition of Taiwan's growing acid rain, dust storms and salt dust corrosion .
4. Reduced the scratches which produced by the grass, the branches, the sand on the car body.
5. Using the crystal coating agent to do the maintenance for extending the coating effect and lifespan.

Working Steps:

Please apply the coating by the following steps:

Before coating:

1. Pre-Treatment: Rinse the car body and then thoroughly remove the water and the old wax (to provide a good condition for the next step polishing).
2. Polishing: Removed scratches on the car paint surface by the polishing,and then flush the car body and dry the residual moisture before starting to degrease.
Attention, please use the U.S. profile paper to protect parts which there is no need to apply coating.
3. Prepare the coating materials and tools.

Start to apply coating:

4. Place the coating agent evenly dripping on the EVA coating cotton or cleanroom wipers.
Notice: pls do not place the coating agent too much of each time , because it can be added at any time during operation.
5. Place the EVA coating cotton to the way of criss-cross and applied evenly, each working range is 40 * 40cm.
6. Working direction from the left and right half of the hood → the right side of the leaf board → rearview mirror and A column → right side of the ceiling → right front door → right rear door → right rear leaf board → trunk → rear bumper → left side Leaf board → left side of the ceiling → left rear door → left front door → left a pillar in the rearview mirror → left leaf board → front bumper.

7、 Please check with the following method before polishing the crystalline coating:

(1) By the dorsal of fingers: around 3-5 minutes, please touch the coating with the dorsal of finger and polish the coating as it becomes sticky.

(2) By the Visual observation: around 3-5 minutes, please polish coating when the surface becomes rainbow pattern.

Notice: Please polish coating layer by the microfiber fabric after 3-5 minutes.

Please do not polish the coating too hard , it may cause scratches on the surface, However, it may leave the imprint of towel and rainbow pattern if the power is not enough.

8、 Please use the light or yellow flashlight to check whether there is any missing carefully.

Tools:

EVA coating cottons, microfiber towels, cleanroom wipers.

Application:

Car paint, exterior metal parts.

Attention:

Before Coating:

The following vehicles are prohibited from coating:

- Within 15 days in summer and 45 days in winter of the new car which is just under the production line .
- The car which is refurbished within 30 days.
- Temperature of the paint is over 40 °C , please hold it until the paint becomes cooling.
- The car body must dry thoroughly when smearing.
- The water is not allowed in the Side seam.
- Do not apply the coating under direct of sunlight, it should be applied in a clean and cool workshop.

Applying Coating:

Please clean the residual water on the surface by a towel first .

Do not apply the coating to the plastic parts, glass and metal strips. please remove it by a clean towel if occurred.

Be sure apply the coating by clean towel and the right way as above indicated.

To prepare two towels at least, one is for the first time cleaning and another is for polishing.

After Coating:

Please do not wash the car within 3 days after coating.

please keep the car away from the rain within 24 hours after coating, otherwise the rain may cause the watermark on the painting surface.

Please clean the paint surface ASAP if the car accidentally adhered some mosquitoes and other debris at night.

Recommendation:

Due to the paint surface needs to do special treatment, so we suggest you to ask for help from professional.

Notice:

- Please use the Iron Powder Removal Agent to remove iron and deep wax completely, so as not to affect adhesion performance of the coating on the paint surface.
- Please use the Water-based Abrasive Agent to do polishing, and must clean grease completely after polishing, otherwise the paint surface not only has shadow problem but also will affect the coating luster and water splashing after coating.
- please remove the coating promptly once occurred the above problem, and then please be according to the above step 4-7 to redo the coating at 1 hour later.

試驗報告



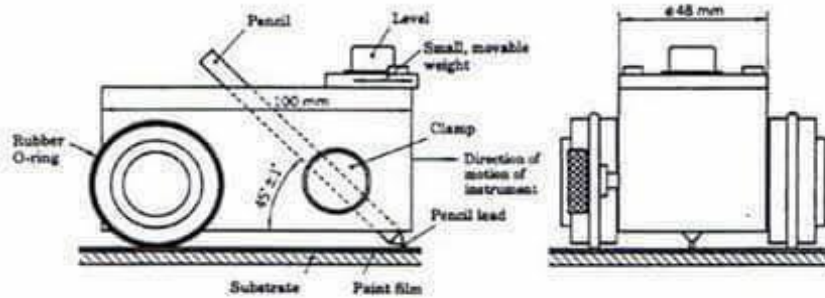
報告編號：TV-15-04285X-1

頁數：2 OF 2

報告日期：105年03月02日

試驗設備：

儀器名稱	廠牌	型號
試驗級鉛筆	MITSU-BISHI	UNI



實驗室條件：

溫度：23±2℃

濕度：50±5%

等級條件：

鉛筆硬度等級：

6B-5B-4B-3B-2B-B-HB-F-H-2H-3H-4H-5H-6H-7H-8H-9H

軟 <-----> 硬

試驗荷重：1000g

判定方法：破損法

試驗結果：

試驗項目	結果
鉛筆硬度(破損法)	9H

註：本試驗報告取代 TV-15-04285X 原試驗報告及其加發報告 TV-15-04285XA 作廢，
報告修改日期 105 年 06 月 13 日

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本報告若有提供規範值時，該規範值僅供參考，合格之判定以委託單位實際要求為準。

(Handwritten signature)
報告簽署人

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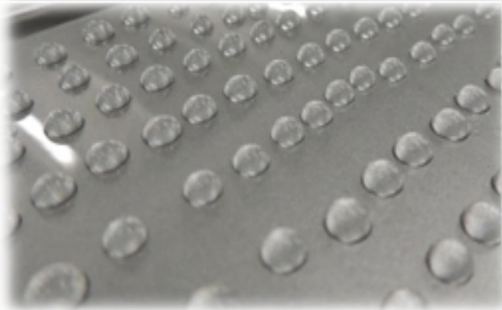


NANO SiO₂ 9H COATING

ナノニ酸化ケイ素9Hコーティング

日本から最新な原料 高硬度、高密度、輝かしい光沢

油性高硬度無機汽機車鍍膜劑



静電気と UV 光線に耐える、熱膨張による破断に対する耐性、
良く排水効果、耐酸性、三年までの耐久性