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Product data sheet/ : Information contained herein is based on careful investigation and is intended for information only. User is obliged to test the suitability of the products for their particular use. Supplier may change any specifications without notice.

## **BULLET HS Compliant Scratch Resistant**

### **Spot Hardener used with the 20-07 compliant clear**

**- used mainly for local repairs**

#### A Product description

A compliant quick drying hardener , for small local repairs

#### B) Product advantages

Excellent durability and **flexibility** - gloss retention with **no gloss drop** - no colour distortion – **application and curing within 15 minutes** –air dry within 40 mins – Times will vary with air temperature

#### C) Technical characteristics

**Composition Colour** - Water white - **Shelf life** 36 months in unopened container  
**Pack size** - 500ml and 1 Litres

#### D) Surface preparation

**20-07 - 2-pack**, clear to be applied with the **Bullet hardener** over Solvent and waterborne basecoats



#### E) Health and safety

**"For professional use only"**

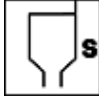
**Important:** When using any NMS product, consult the **NMS Health and Safety"** data sheet. Always read the risks and precautions stated on the product label.

#### F) Mixing ratio     **2 Parts 20-07 Clear Coat - 1 part Bullet Hardener**



	Volume	Weight
20-07 Clear Coat	100g	100g
BULLET hardener	50g	55g

**Note :** because of the low viscosity of 20-07 Wasser-Lacke , it aids the flow out of the 2:1 mix with the bullet hardener –



**G) Spraying viscosity using 20-07 Clear**

18 to 20 seconds BS cup 4 at 20°C – 14 seconds DIN4 cup @20 deg

**Pot Life – 30 minutes 20 deg – Note : The pot life varies with changes in Air temperature and can be reduced to 10 min only**



**I) Spraying recommendations using 20-07 clear with Bullet hardener**

Type of spray gun	HVLP Gravity	Divilbiss GTI - Air cap 110 -	LVLP – Compliant Gun - Gravity feed -
Fluid tip (mm)	1.3 - 1.5	1.3	1.3 - 1.4
Pressure at the gun	0.7 bar at the air cap	2 – 2.5 bar	2 – 2.5 bar

**J) Application - The 20-07 clear with Bullet Hardener at 20 deg. max.**

Note : it is important that application is made immediately the 2:1 mix has been completed – in warm conditions the pot life can be reduced to 10 to 15 mins



Number of coat	Flash off between coats	Total film build
2 coats only	2 / 3 minutes max	55 microns

1 full ‘wet coat’ + 1 full wet coat - **After the 2<sup>nd</sup> coat , allow a further 2 minutes before curing by infrared lamps**



**Note :** to obtain best results please ensure the 1<sup>st</sup> coat is NOT a mist or gripper coat and do not extend the flash off period to avoid the surface skinning.

**K) Drying times**



**BULLET** Activator - Cure for 10 minutes with infrared Lamps at 60 deg plus  
OR Oven bake at 60 to 80 deg for 10 mins .

**Note:** air dry at 20 deg. within 45 minutes – The surface is then suitable for outside Conditions. . Note drying times will vary with changing air temperature

**L) Finishing process**

From the oven, allow to cool then flat and polish if required .

*Note: The above information is above is recommendation only and can vary with conditions*



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