

# Putty Adhesion 1

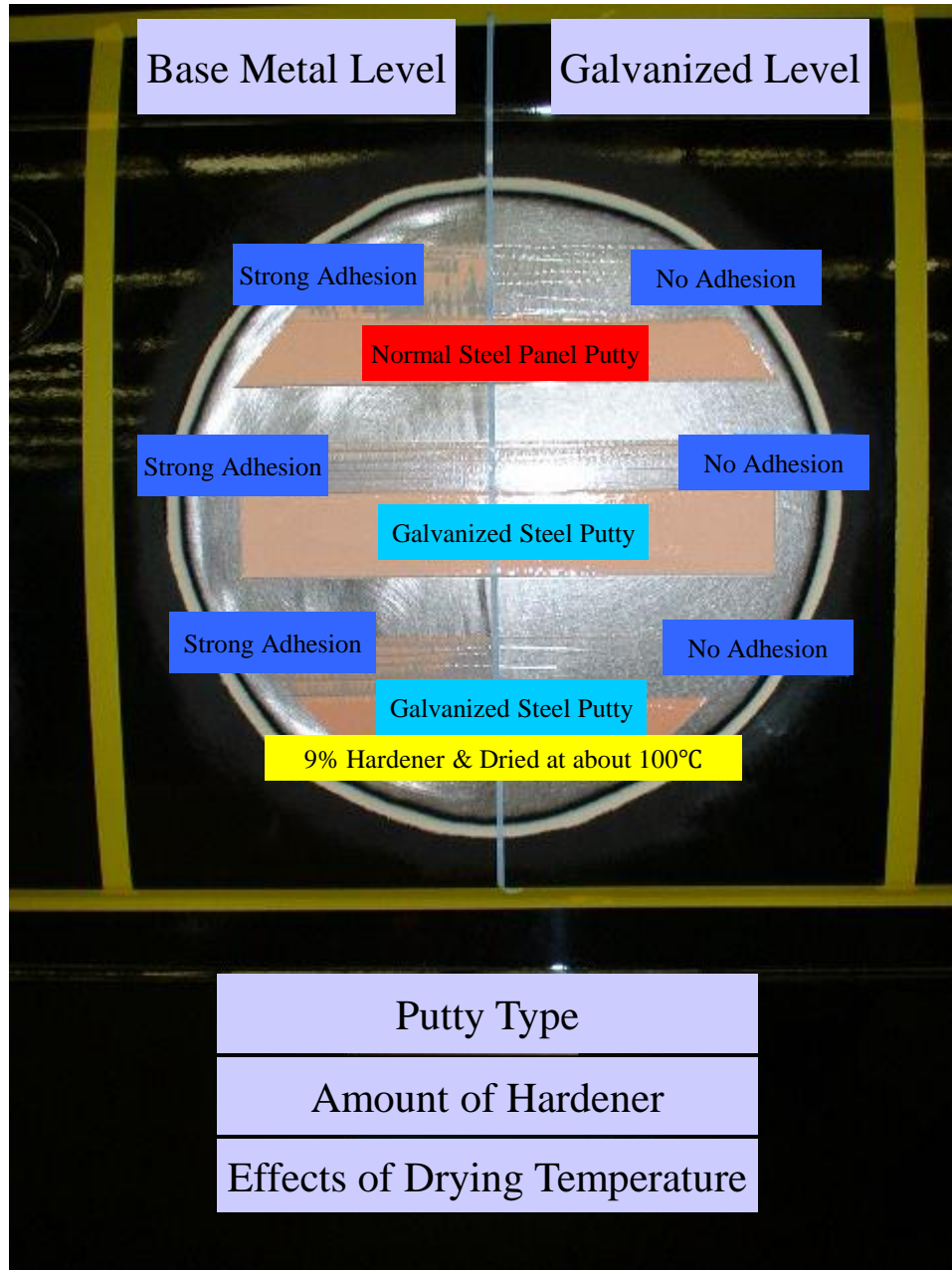
## (Good/Bad Examples)

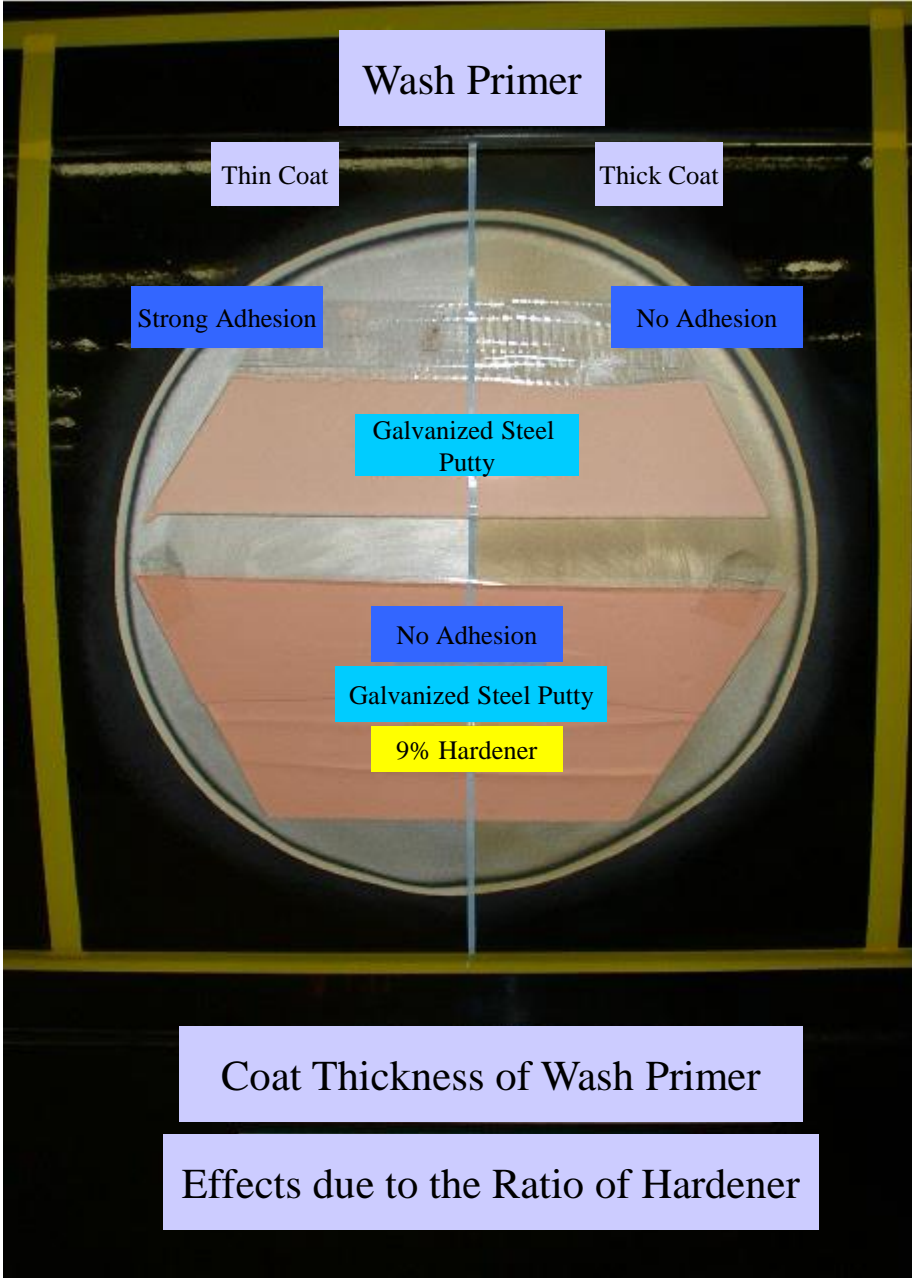
## Differences Between Steel Panel Surfaces



Base Metal

Galvanized Layer





Coat Thickness of Wash Primer

Effects due to the Ratio of Hardener

Wash Primer

Thin Coat

Strong Adhesion

Galvanized Steel  
Putty

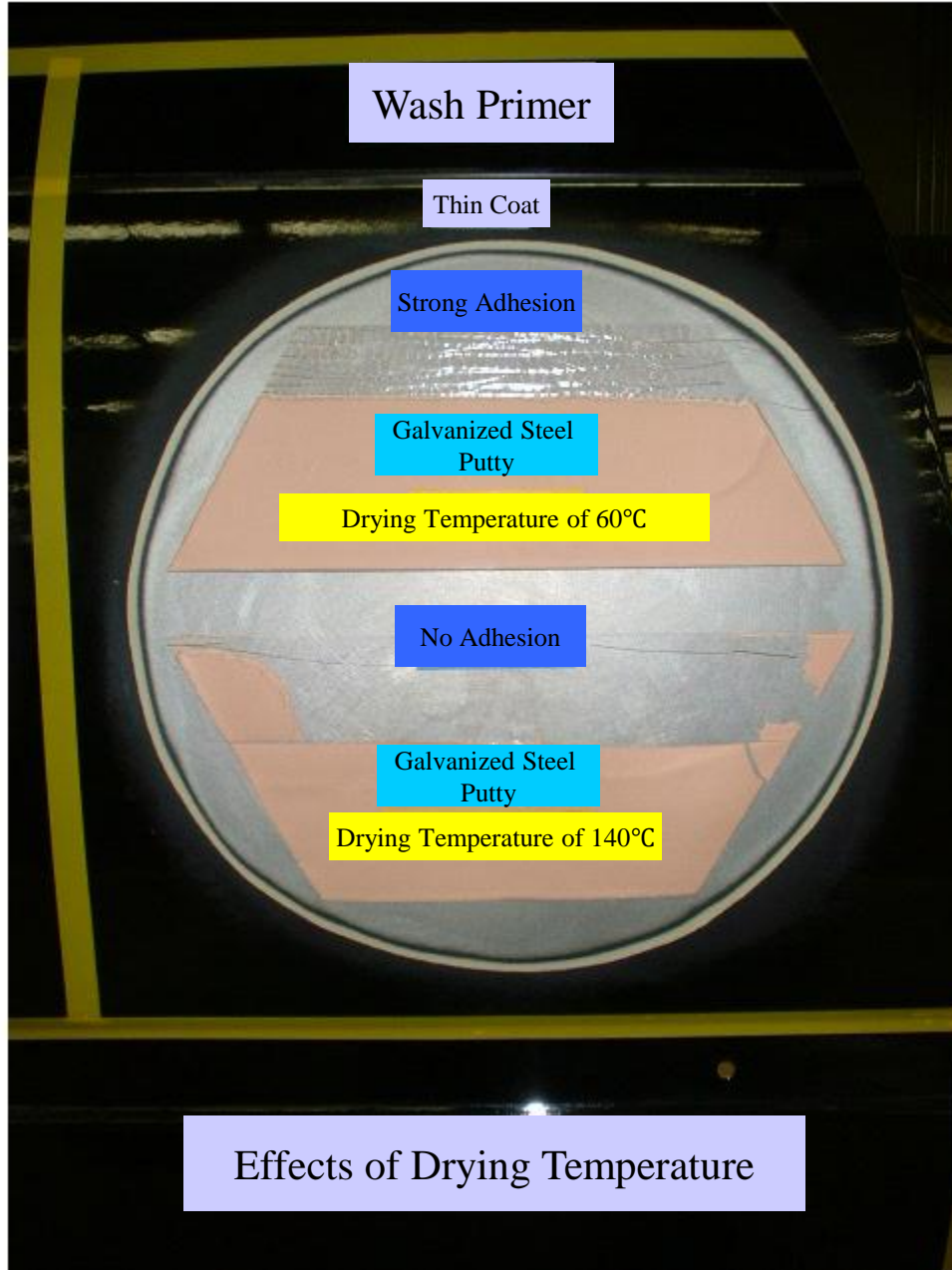
Drying Temperature of 60°C

No Adhesion

Galvanized Steel  
Putty

Drying Temperature of 140°C

Effects of Drying Temperature



## Putty Adhesion 2 (Good/Bad Examples)

Base Metal

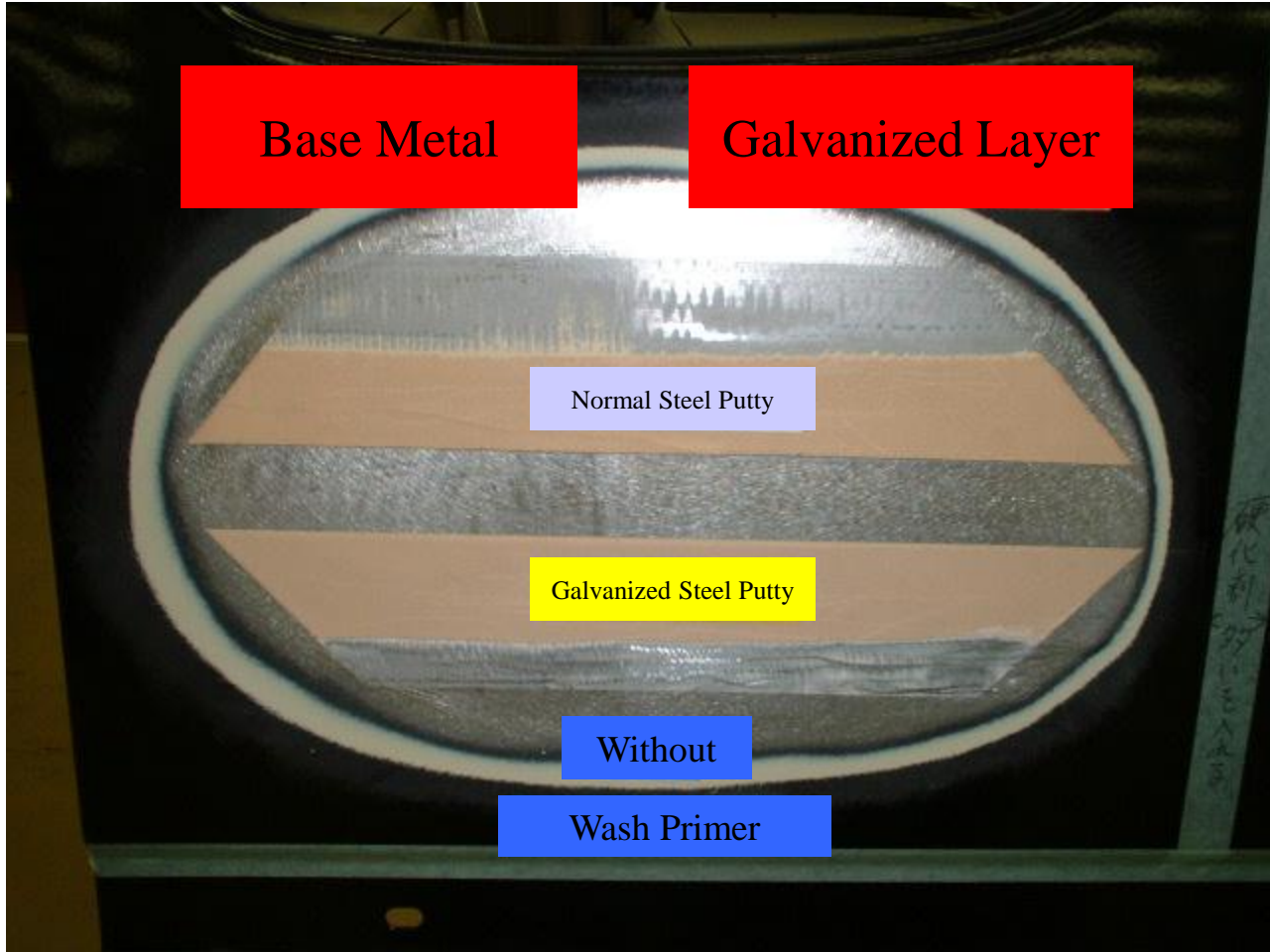
Galvanized Layer

Normal Steel Putty

Galvanized Steel Putty

Without

Wash Primer



# Galvanized Layer

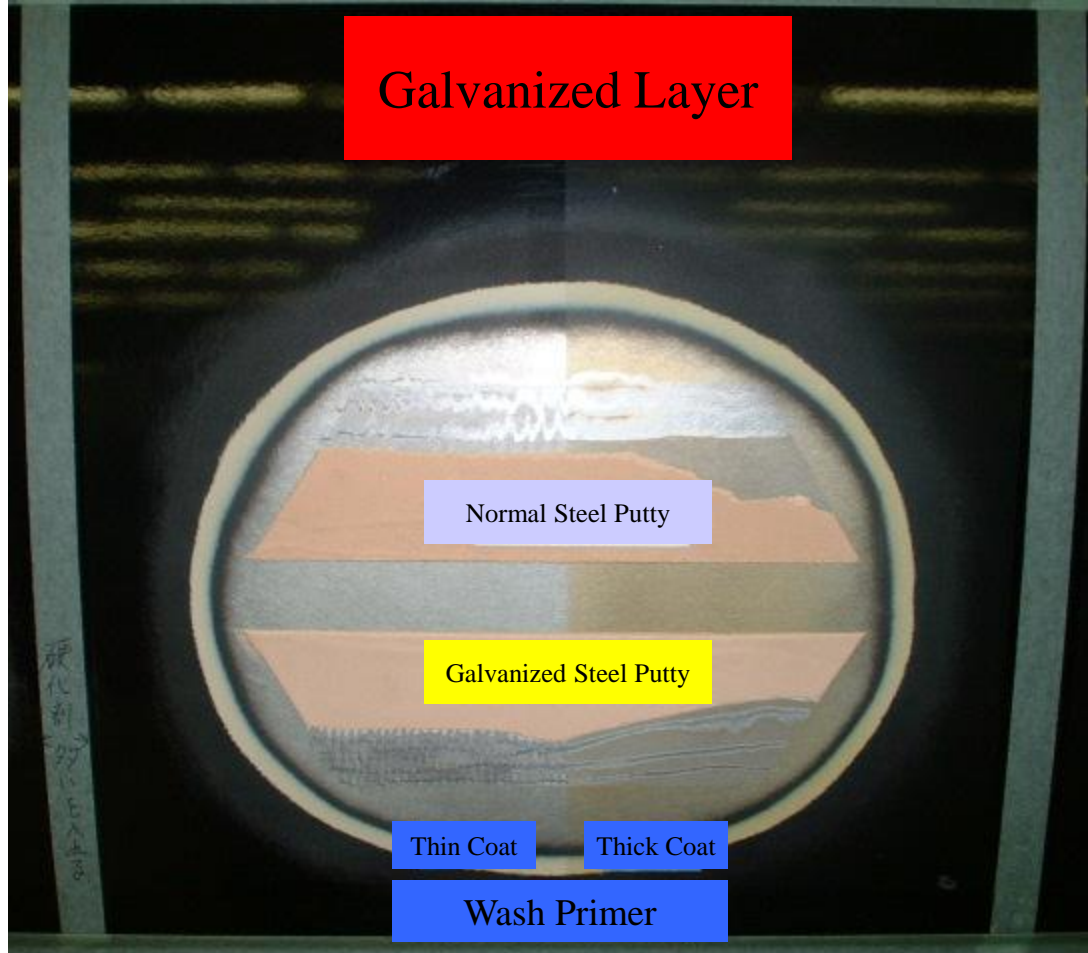
Normal Steel Putty

Galvanized Steel Putty

Thin Coat

Thick Coat

Wash Primer





# Galvanized Layer

Baking at 70°C

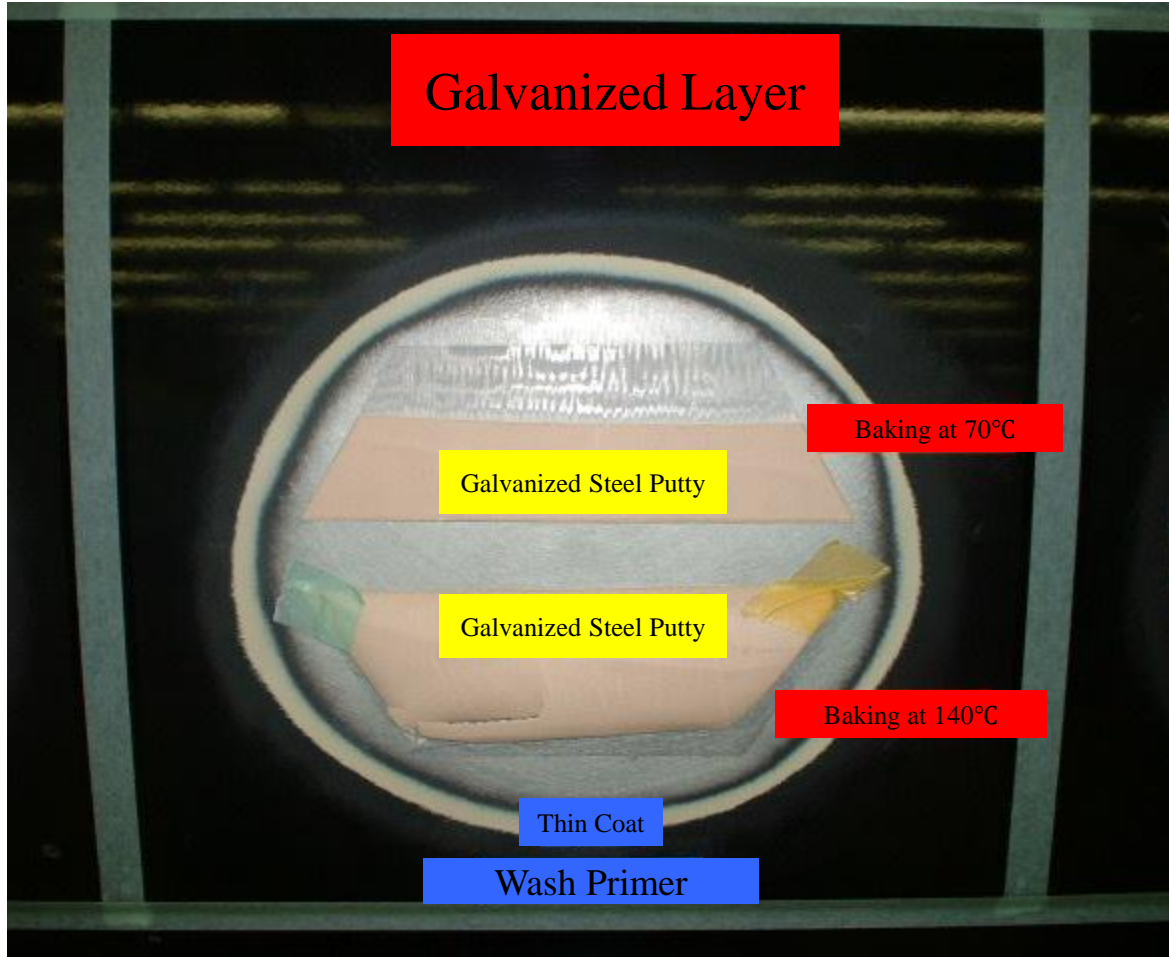
Galvanized Steel Putty

Galvanized Steel Putty

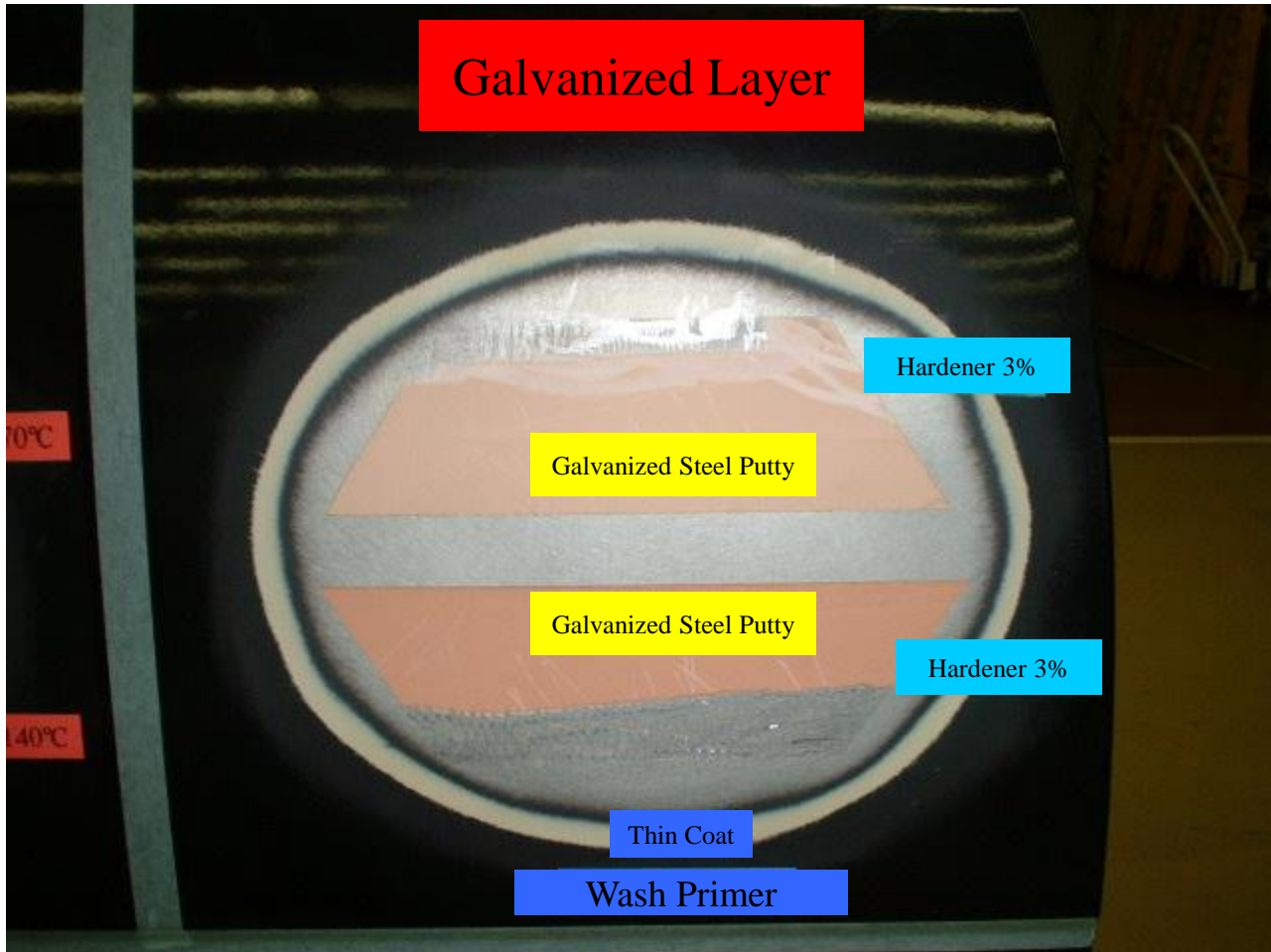
Baking at 140°C

Thin Coat

Wash Primer



# Galvanized Layer



Hardener 3%

Galvanized Steel Putty

Galvanized Steel Putty

Hardener 3%

Thin Coat

Wash Primer

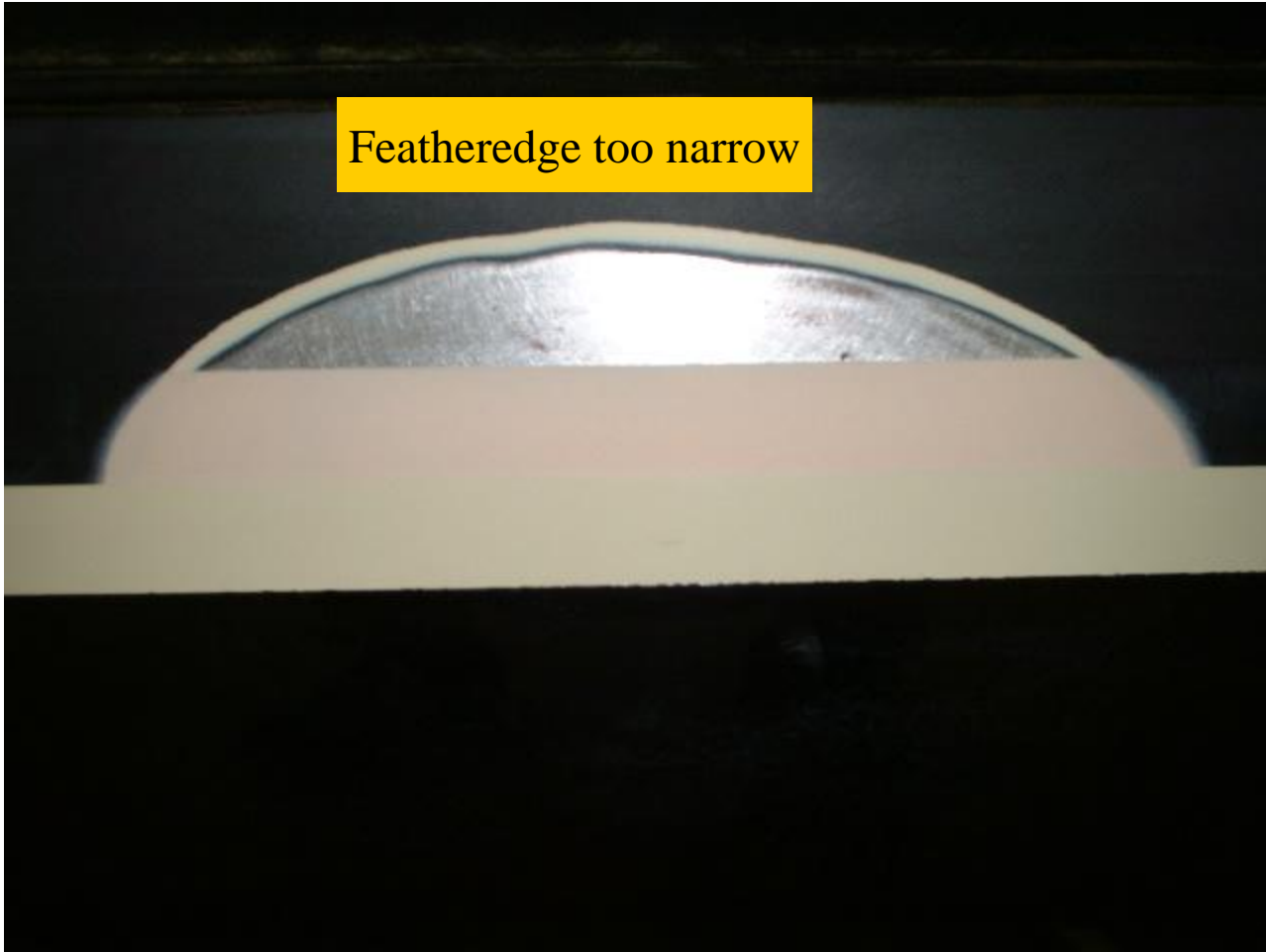
70°C

140°C

Without Featheredging



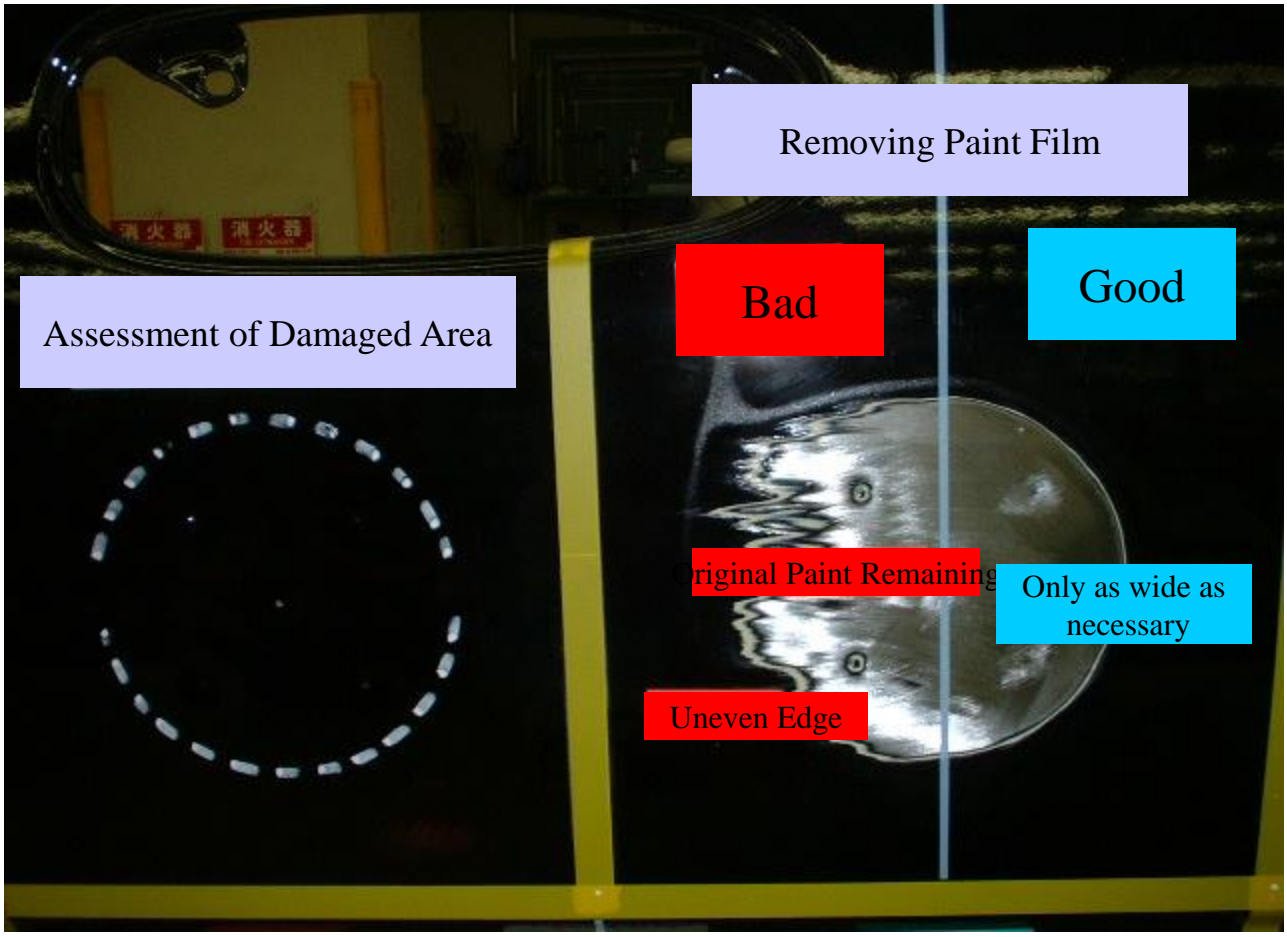
Featheredge too narrow





Featheredge too wide

# Substrate Treatment Process (Good/Bad Examples)



Removing Paint Film

Assessment of Damaged Area

Bad

Good

Original Paint Remaining

Only as wide as necessary

Uneven Edge

## Featheredging & Wash Primer

Bad

Good

Without

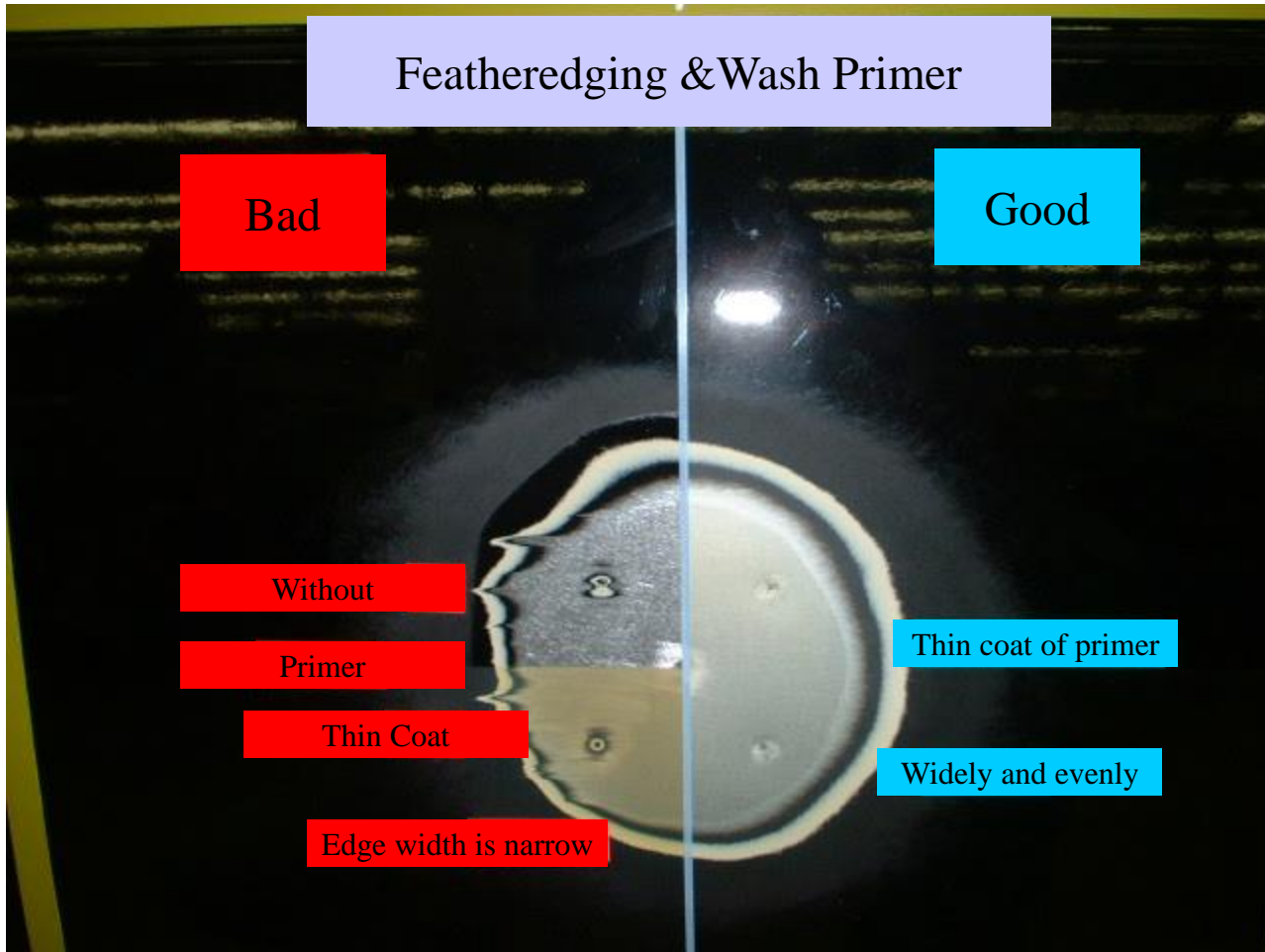
Primer

Thin Coat

Edge width is narrow

Thin coat of primer

Widely and evenly





## Putty Application

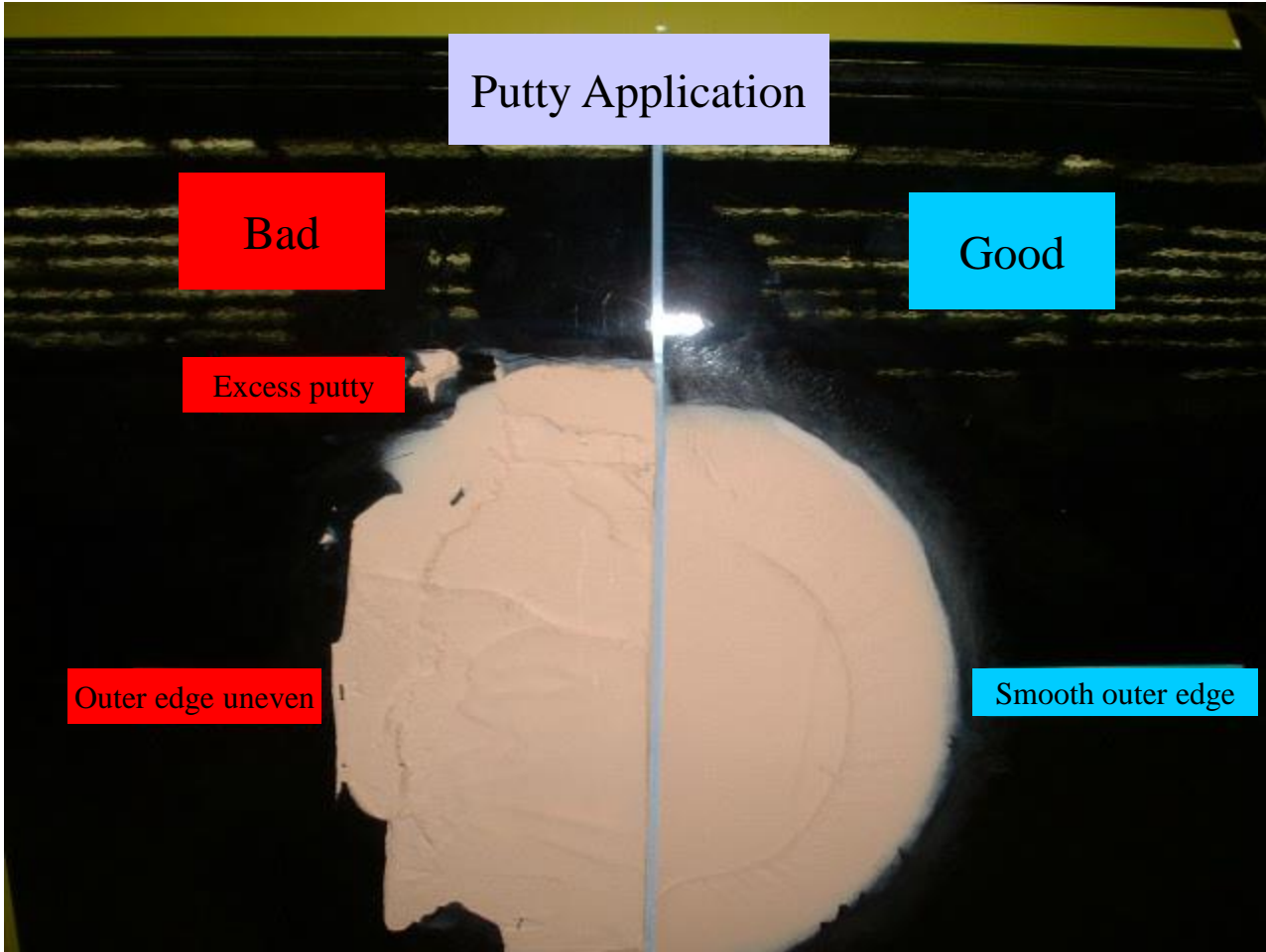
Bad

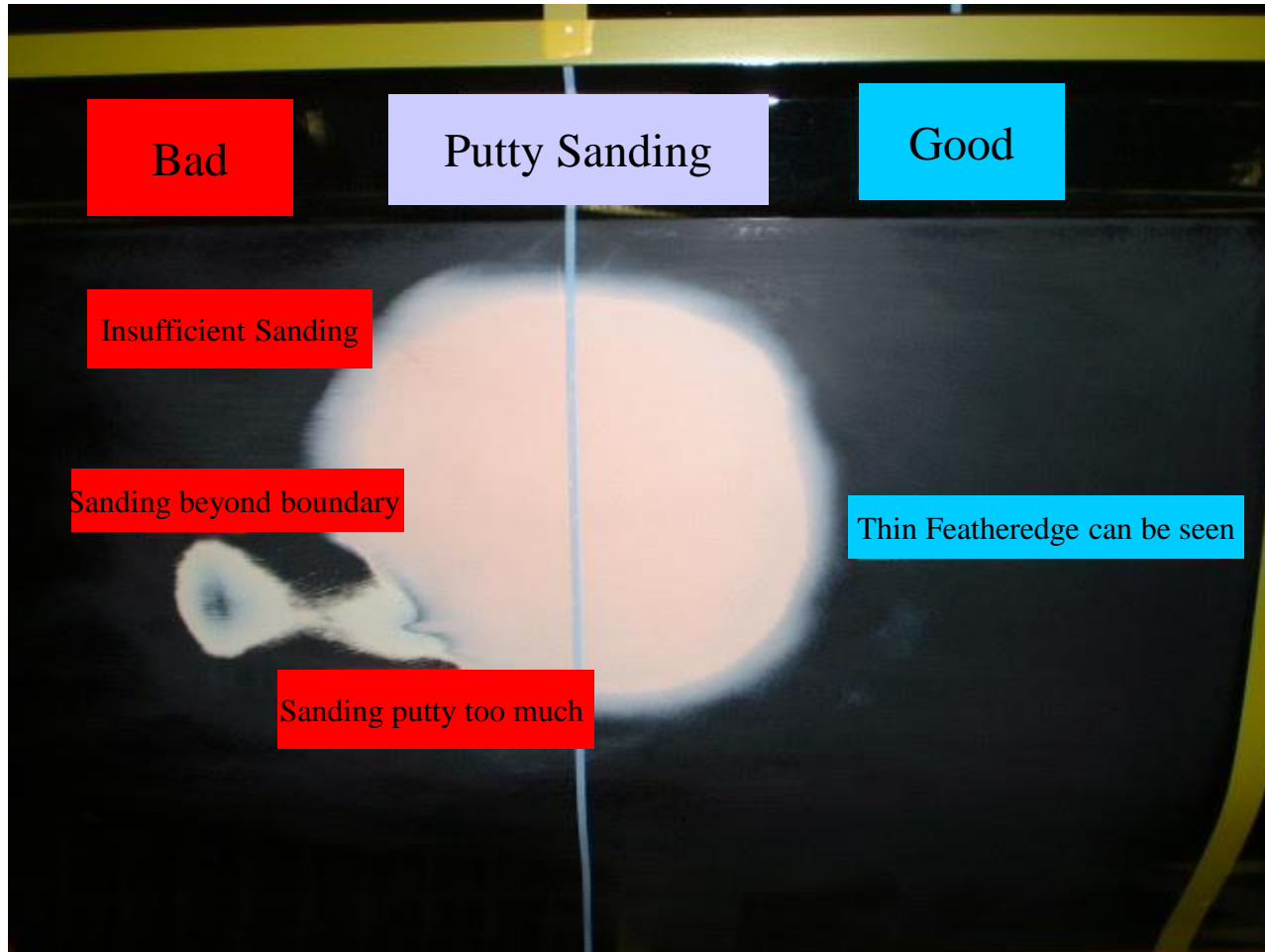
Good

Excess putty

Outer edge uneven

Smooth outer edge





Bad

Putty Sanding

Good

Insufficient Sanding

Sanding beyond boundary

Sanding putty too much

Thin Featheredge can be seen

