

REMOVABLE PROTECTIVE COATING FOR TOOL PROTECTION

RPC

REMOVABLE PROTECTIVE COATING

Plastic Injection Molders

Best Practice:

Applying our “tough” elastomeric *removable* protective coating to molds, inserts and other tools to protect them from corrosion and contamination during long term storage or while in transit.

Coating Formulation:

RPC – Removable Protective Coating

Application System:

Brush, Spray

Dates:

2015/2016



BEST PRACTICE OVERVIEW:

Removable Protective Coating (**RPC**) applied to various assets – molds, inserts, dies, tools, equipment components, etc. to protect them from corrosion and contamination while in storage or during transit.

When the asset is ready to be put into service, the **RPC** is simply peeled off the asset leaving the surface of the asset cleaner than when the **RPC** was applied – no residue is left on even the smallest design detail.

The cost to repair corrosion damage on a mold is expensive and very time consuming. By comparison, the cost to apply **RPC** is minimal and the protection **RPC** provides is unmatched by other products in this category.

- **RPC** can be easily and quickly applied to any asset of any size; no dip tank restrictions (also no danger from working with hot products that can burn employees).
- **RPC** does not contain the solvents present in alternative products
- **RPC** does not require solvents to be removed; just peel it off

RPC is the “toughest” protection available.

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Coating Formulation:

RPC is a proprietary elastomer coating (not a wax or oil) that is formulated to protect assets from corrosion, UV, chemicals, impact and abrasion but be removed when the asset needs to be used, inspected or needs to be serviced/repared.

Simply brush or spray the product on the cleaned surface and allow it to fully cure to protect the asset for as long as required. When the asset is needed, simply peel off the RPC.

Applications:

RPC can be used on most substrates, textured or smooth metal, wood, glass, masonry, stone, etc. Always test for compatibility and desired results with your specific surface before proceeding with entire project.



RPC Cured
Coating
Removed

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B
E
F
O
R
E



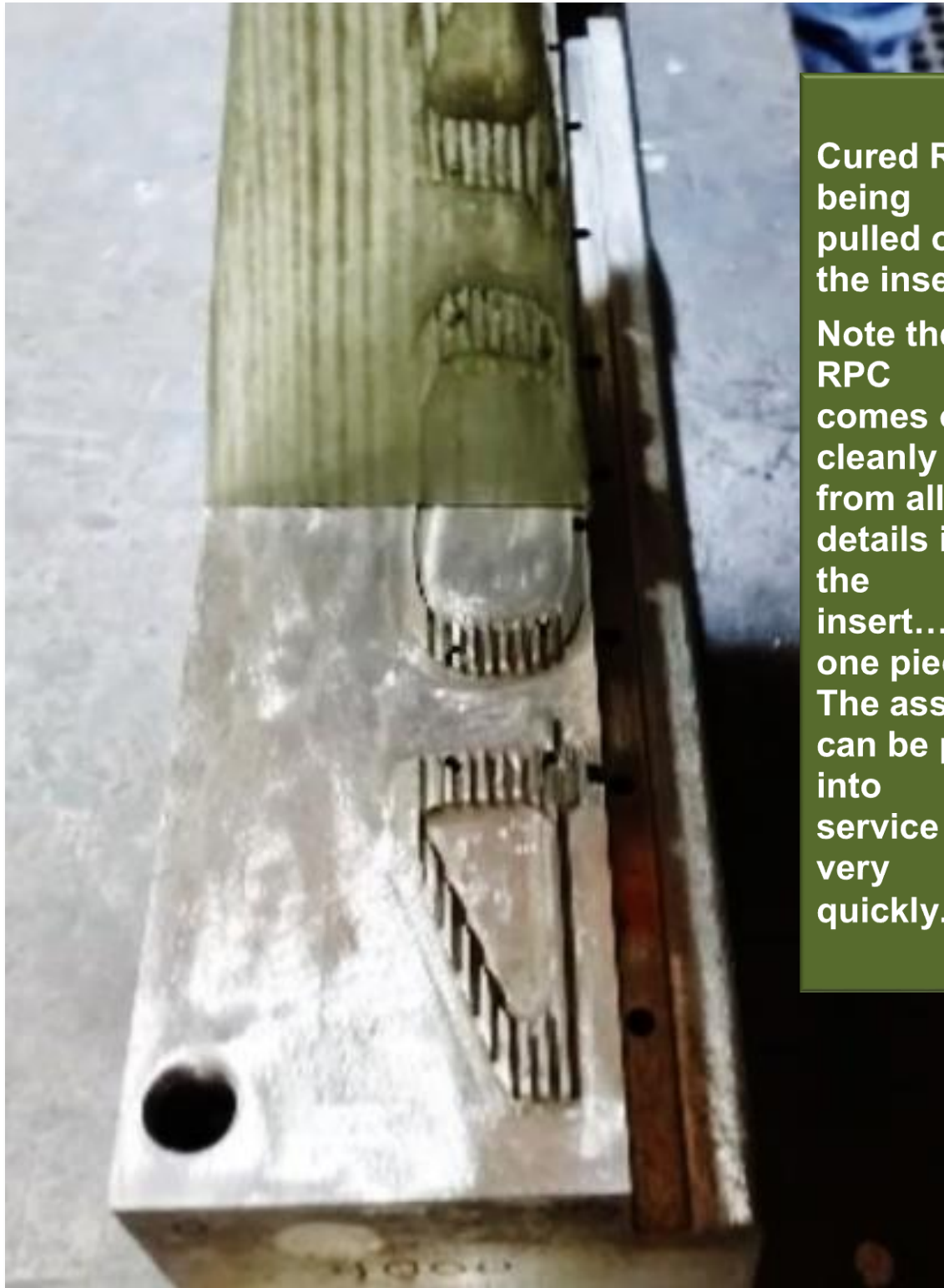
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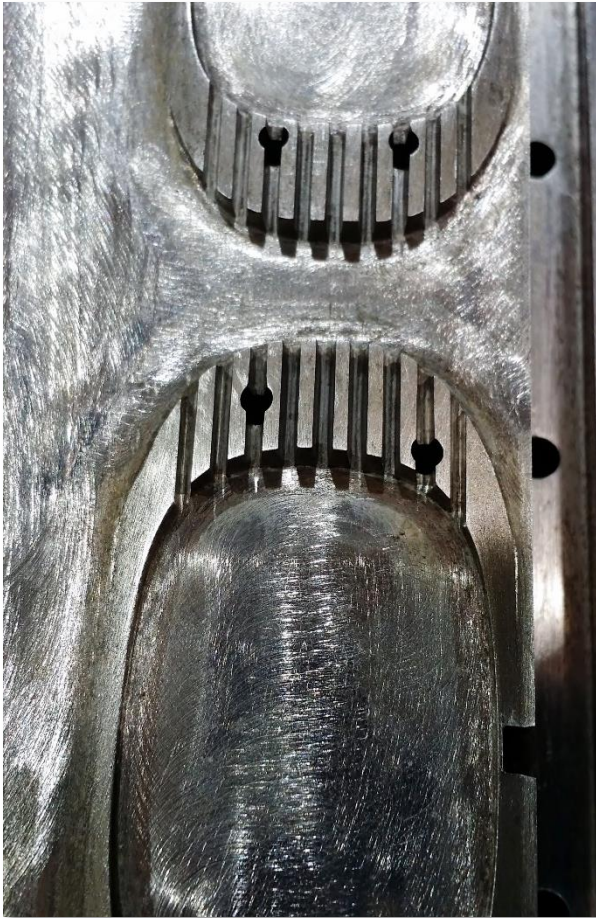
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**Cured RPC
being
pulled off
the insert.**

**Note the
RPC
comes off
cleanly
from all
details in
the
insert...in
one piece.
The asset
can be put
into
service
very
quickly.**

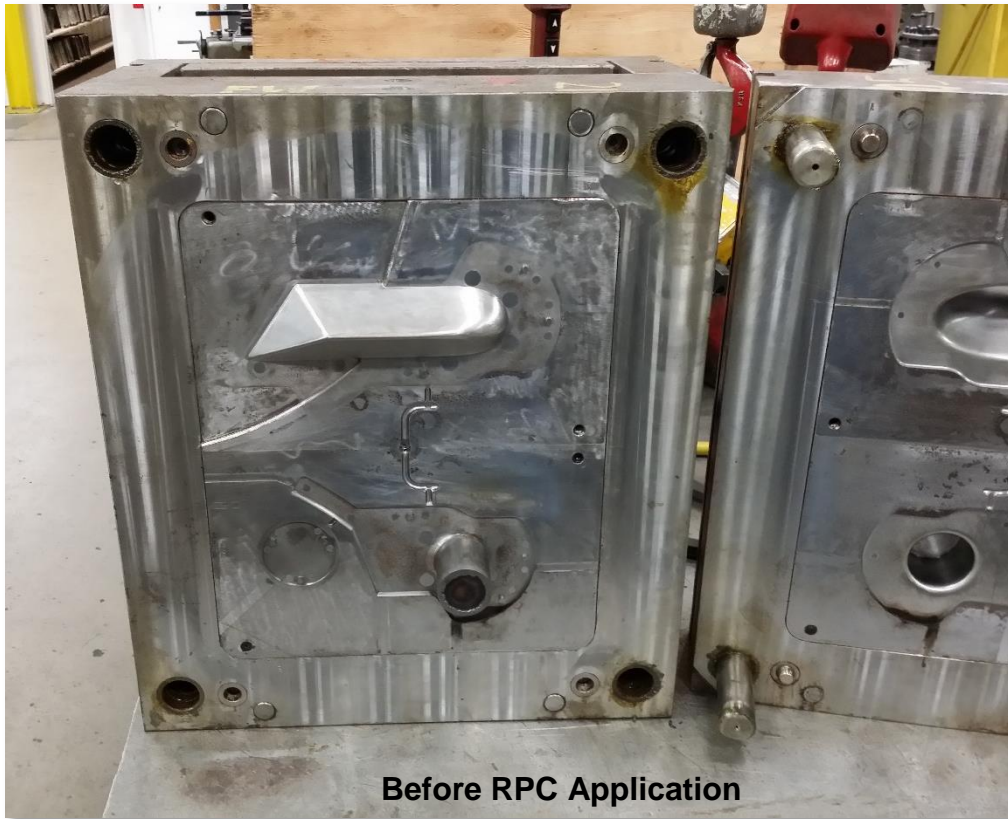
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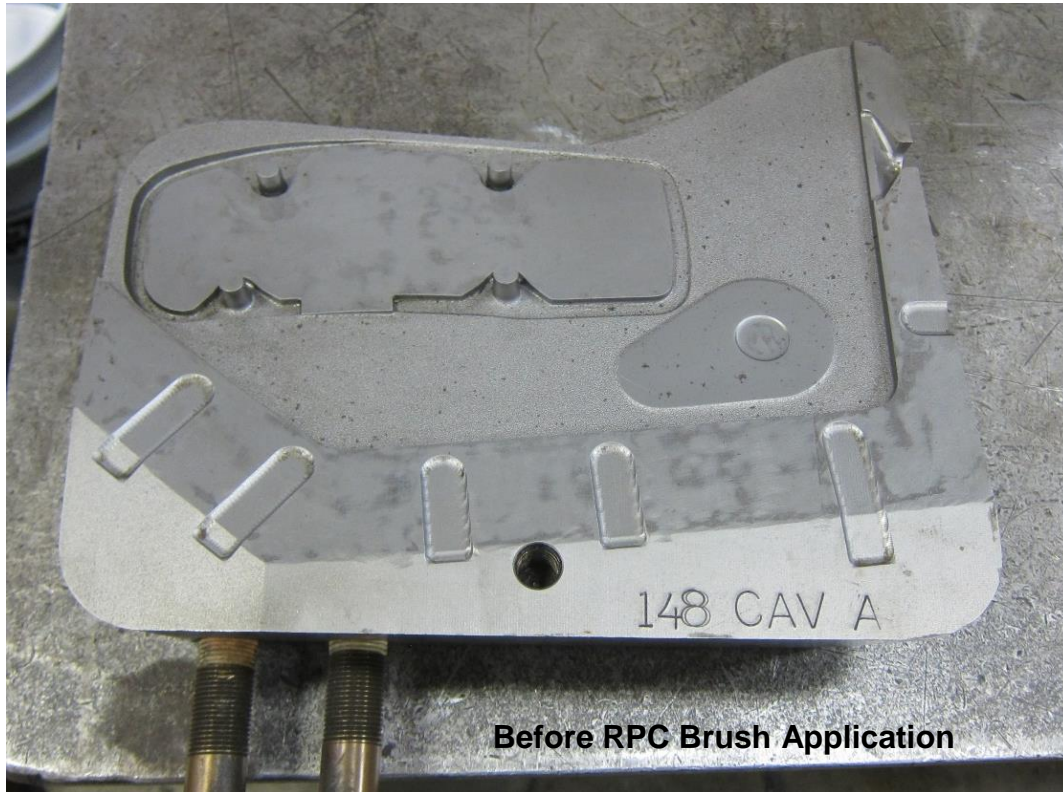
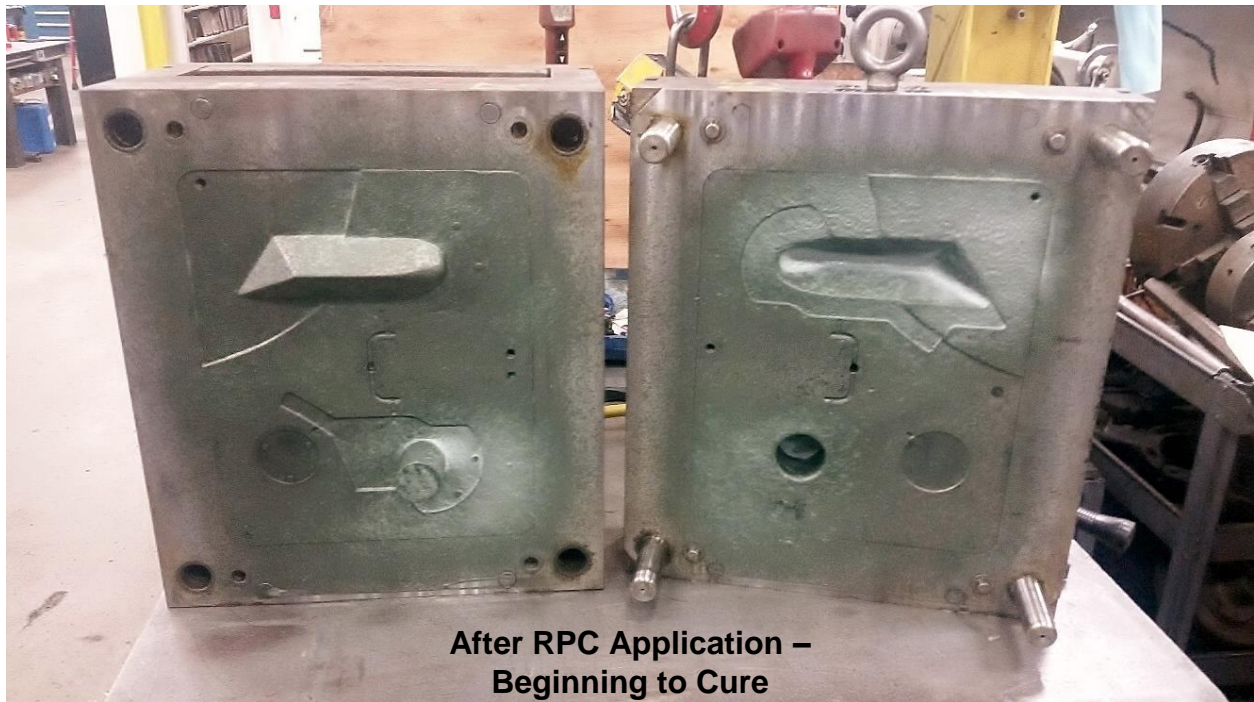
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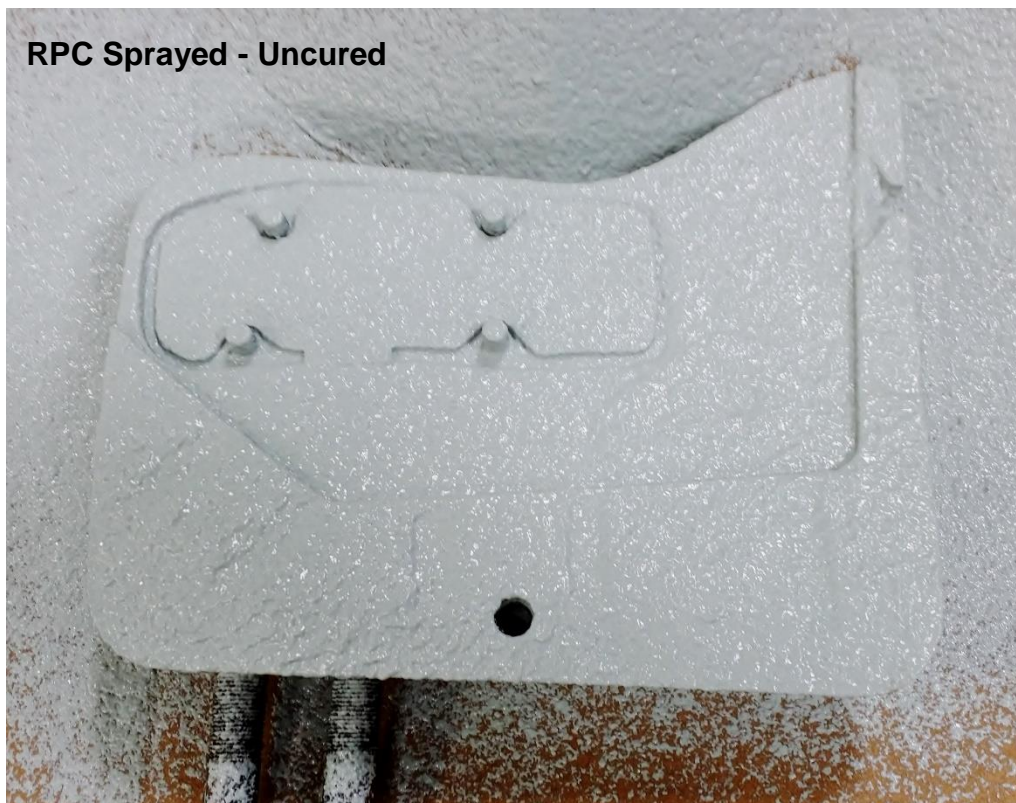
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SUMMARY & CONCLUSION:

RPC can be applied to all tool assets regardless of size or design.

RPC cures to form a “tough” protective elastomeric coating that will last as long as the asset is in storage or in transit.

RPC is easily applied by brush or spray with none of the solvents in alternative products.

RPC is removed simply by peeling it off the substrate and the asset is back in service.

RPC Saves Money:

- Prevents asset corrosion
- Saves labor time with easy application procedures
- Protects against warranty claims
- Protects assets in transit
- Saves time putting the asset back in service



CALL TO ACTION:

Incorporate **RPC** as part of your continuing improvement strategy – maintenance programs must evolve with the available solutions.

**Industrial Solutions USA
develops and sells “tough”
ELASTOMERIC LININGS & COATINGS
to help industrial customers
protect their assets from destructive elements**

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