



# INSTAR<sup>TM</sup>



## THE PROTECTUS RANGE

# What is the PROVECTUS Range?

## Provectus - Latin for "Advanced"

The Provectus range from INSTAR comprises of the latest advancements in paint additives designed to manipulate the Alpha range into a paint that suits your style of painting, rather than a traditional based paint that forces you to adjust the way you paint to get the best from it.

By using these products, you can create everything from super glossy paints to any kind of metallic colour you can think of, how the paint acts and feels is entirely down to you, the painter. The Alpha range can be viewed as the basic starting point and allows you to adjust it as needed. In some cases it may not require it, but if you really need that particular finish, the Provectus range has you covered.

But that's not to say that the Provectus range was only designed to work with the Alpha range. It will work with other manufacturers paints as well and adjust it in ways that were not previously possible. If you really want that Citadel colour to be the ultimate drybrush paint, add a drop of Matte+ to make it really thick with very little liquid, do want your Scale 75 paints to flow like silk, add some Water+ to unlock its true potential.

As with the Alpha range, how you approach it is entirely down to you, the Provectus range truly allows your miniatures to be unique and stand out from the crowd.



# EXTENDER+



Extender+ came to life after a particularly hot summer in the UK. Temperatures soared as high as 32 degrees Celcius and in the case of our office being in a heat trap, temperatures reached almost as high as 41 degrees Celcius.

As a consequence of this, all painting came to an abrupt halt and a desperate rush to keep the production areas cool to maintain production levels. We felt that the Summer shouldn't be a time to stop painting, it was too hot to go out, but also too hot to paint as the paint dried too fast. If you're a commission painter, any time not painting is money lost.

It was because of this that Extender+ became an idea. Essentially it's a paint retarder agent that slows down the drying time of paint, but Extender+ goes much further by keeping paint wet even as the temperature goes beyond 21 degrees Celcius. Even in our office where temperatures became almost unbearable, we were able to continue painting for at least 20 minutes before the paint was dried solid. In conjunction with a Wet Palette, that time could be extended to 90 minutes before the paint became unusable.

Extender+ allows for full 365 days a year painting and helps with wet blending in a big way by keeping the paint wet on the model long enough to allow you to blend two colours together.

**Base usage** - 4 drops Alpha to one drop Extender+ is a good starting point for at least 40 minutes painting with Alpha, other paint ranges add to taste. The more that's added, the longer the open time but the more transparent the paint becomes.

# GLOSS+



One of the founding products of the Provectus range, Gloss+ does what it says, it makes things more glossy.

Because it's an additive, it's quite powerful and a little goes a long way. It can add a nice level of shine to paint, great for making things look more wet or more polished.

It can be used as well as a super gloss varnish. While it won't quite have the durability of a varnish, it will provide a suitable level of protection for general gaming.

**Base usage** - 4 drops Alpha to one drop Gloss+ is a good starting point, adding more will increase the sheen level accordingly but will increase the transparency of the paint.



Base Alpha  
Four Drops - Two Coats

Alpha : 4 | Gloss+ : 1  
Two Coats

Alpha : 4 | Gloss+ : 2  
Two Coats

Alpha : 4 | Gloss+ : 3  
Two Coats



# MATTE+



Another of the founding products of the Provectus range, Matte+, like Gloss+, does what it says, it makes things more matte.

Again, because it's an additive, it's quite powerful and a little goes a long way. For Matte+ this couldn't be more true as only a very small amount is needed to make a dramatic change.

When used in the right proportions, it can remove almost all sheen from a paint, however, too much can cause a frosting effect, but that can also be useful in some cases.

**Base usage** - Four drops Alpha to one drop Matte+ is a good starting point, adding more will decrease the sheen level accordingly but will increase the thickness of the paint and speed up the drying time.



Base Alpha  
Four Drops - Two Coats

Alpha : 4 | Matte+ : 1  
Two Coats

Alpha : 4 | Matte+ : 2  
Two Coats

Alpha : 4 | Matte+ : 3  
Two Coats

# METAL+

One of our our most powerful additives that we have available and since its upgrade in 2021, is totally unrivalled in its field, there are plenty of imitations but only one true Metal+.

Launched in March 2020 as a way to create metallic paints from standard paint leading to an explosion of possibilities. By using real metal powder suspended in our unique polymer, it creates the smoothest, shiniest metal on the market, almost to chrome like levels.

But the real power is adding it to paints to create any colour metallic you can think of.

Two more versions are planned in 2021.



**Base usage** - Entirely dependent on application, add more Metal+ for a more silvery look, add less to get a more coloured metallic. Alternatively use by itself for true metal parts or cover with Alpha at a contrast level for depth.



Base Metal+  
One Coat

Alpha : 4 | Metal+ : 1  
Two Coats

Alpha : 1 | Metal+ : 1  
Two Coats

Alpha : 1 | Metal+ : 4  
Two Coats

# VARNISH+



The most powerful matte varnish on the market and less controversial than its rival, Varnish+ also has a secondary feature that really makes it stand out from the crowd.

Requiring no thinning at all, Varnish+ can be used straight from the bottle and brushed or airbrushed onto a model to leave a truly flat finish to a model. Also there is no need to pre-add a layer of gloss varnish first. Varnish+ has one of the toughest finishes around.

It's secondary feature is that it can also be used as a Matte Medium, thinning paint and reducing the sheen level at the same time.

**Base usage** - Simply apply a layer of Varnish+ and allow it to dry. When used as a Matte medium, the usual 4:1 ratio is a good base point to start from.



Before Varnish+

Varnish+ Applied

Treated with Varnish+  
A second coat can be applied

# WATER+

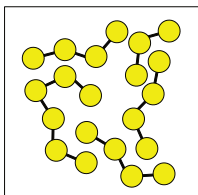


The crown jewel in the range, Water+ since its introduction in 2018 has been changing miniature painting in ways noone thought possible.

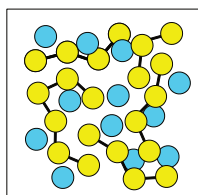
Water+ is unique in the fact that there is nothing comparable from any other manufacturer but can be used with any other paint line to improve them. A great example of this is the dreaded Citadel Corax White, a lumpy white that is the cause of many headaches for painters, simply adding Water+ turns it into a really smooth paint.

But where Water+ really shines is the way it interacts with paint compared to standard water or matte medium....

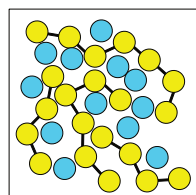
## USING NORMAL WATER/MATTE MEDIUM



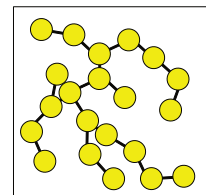
Paint Polymer in natural state



Water introduced

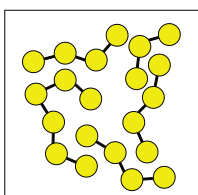


Paint polymer and water immiscible, water pushes polymer clumps around

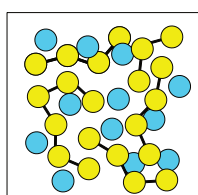


Paint polymer connects with other strands. Blotchy, uneven layer formed

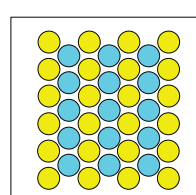
## USING INSTAR WATER+



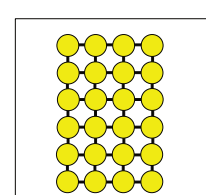
Paint Polymer in natural state



Water+ introduced



Water+ interacts with polymer, breaking it up and reordering it into a crosslinked solution



Water+ dries bringing polymer closer together, polymer rebonds with neighbours to create an even, smooth layer