



SILBERLINE®

The Global Supplier of Effect PigmentsSM

Global Shelf Life and Recertification Guidelines

The following guidelines were developed based on experience and product history and are applicable when the product has been stored under recommended conditions. It is recommended that products are stored in full containers, away from heat sources, and in dry conditions. Exposure to extreme temperatures and moisture may cause reduced shelf-life. Package integrity and material handling practices are also important in realizing shelf-life stability. Damaged packages and/or improper re-sealing of product containers may have a detrimental effect on product stability.

Silberline products are expected to have a certain minimum shelf-life, as outlined below. If concern exists over whether or not to use an aluminum pigment, please contact the representative in your region, as noted on Page 4. Silberline will retest any products held by our customers that have exceeded their Standard Shelf-Life* and advise the customer of their suitability for use. The recertification is most reliable when a representative sample of the product in question is returned to Silberline for testing.

Standard Product Families

Product Families	*Standard Shelf-Life (From Date of Manufacture)	Material will be Recertified Prior to Shipment from a Manufacturing Facility up to this Period of Time	If a <u>Representative Sample is sent to Silberline for Testing</u> , Recertification may be Granted from the Date of Testing up to this Timeframe	If Testing is Based Upon the <u>QA Laboratory Batch Retain Sample</u> , Recertification may be Granted from the Date of Testing up to this Timeframe
1200 Series	1 Year	6 Months	3 Months	1 Month
“A” Series	1 Year	6 Months	3 Months	1 Month
AQUA PASTE®	1 Year	6 Months	3 Months	1 Month
AQUASIL®	1 Year	6 Months	3 Months	1 Month
AQUAVEX®	1 Year	6 Months	3 Months	1 Month
DEDUSTED FLAKE	1 Year	6 Months	3 Months	1 Month
EXTRA FINE	1 Year	6 Months	3 Months	1 Month
FLEXOSIL™ UV	6 Months	N/A	N/A	N/A
HCR Series	1 Year	6 Months	3 Months	1 Month
HYDRO PASTE®	1 Year	6 Months	3 Months	1 Month
“LX” Series	1 Year	6 Months	3 Months	1 Month
Roof Coating	1 Year	6 Months	3 Months	1 Month
SCR Series	1 Year	6 Months	3 Months	1 Month
SFB Series	1 Year	6 Months	3 Months	1 Month
SIL-O-WET®	6 Months	3 Months	6 Weeks	1 Month
SILVER STAR®	1 Year	6 Months	3 Months	1 Month
STAMFORD	1 Year	6 Months	3 Months	1 Month
SUPER FINE	1 Year	6 Months	3 Months	1 Month
YSP Series	1 Year	6 Months	3 Months	1 Month



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EternaBrite® Family

ETERNABRITE® ETERNABRITE® Premier	1 Year	6 Months	3 Months	1 Month
If the above are carried in Isopropyl Alcohol (IPA) or Isopropyl Acetate (IPAC), this guideline applies →	6 Months	3 Months	6 Weeks	1 Month

SILBERCOTE® Family

SILBERCOTE® “J”, “Y” & “Z”	1 Year	6 Months	3 Months	1 Month
SILBERCOTE® AQ	1 Year	6 Months	3 Months	1 Month
SILBERCOTE® PCX	2 Years	9 Months	6 Months	3 Months

SILVET® Family – “AD”, “E”, “E1”, “ET”, “J” and “P”

SILVET® SPARKLE SILVET® SPARKLE SILVET® Premier SPARKLE SILVET® Ultra EXTRA SPARKLE SILVET® TUFLAKE® Premier SILVET	2 Years	9 Months	6 Months	3 Months
SILVET® “P” SPARKLE SILVET® Premier “P” SPARKLE SILVET® Ultra “P”	1 Year	6 Months	3 Months	1 Month
SILVET® “J” Grades SPARKLE SILVET® “J”	1 Year	6 Months	3 Months	1 Month



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SILVEX® Family – “C” and “DOA”

SILVEX® 110 Series (113-20-C, 115-20-DOA) 220 Series (223-20-C, 225-20-DOA) 330 Series (333-20-C, 335-20-DOA) 420 Series (420-15-C)	1 Year	6 Months	3 Months	1 Month
SILVEX® 430 Series (430-15-C, 430-15-DOA) 440 Series (440-15-C, 440-15-DOA) 460 Series (460-15-C, 460-15-DOA) 620 Series (620-25-C, 620-25-DOA) SPARKLE SILVEX® SPARKLE SILVEX® Premier SPARKLE SILVEX® Ultra EXTRA SPARKLE SILVEX®	6 Months	3 Months	6 Weeks	1 Month

SPARKLE SILVER® Family

SPARKLE SILVER® SPARKLE SILVER® Premier SPARKLE SILVER® Ultra SPARKLE SILVER® X-treme	1 Year	6 Months	3 Months	1 Month
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SPARKLEBRITE™ Family

SPARKLEBRITE™ SPARKLEBRITE™ Premier SPARKLEBRITE™ Ultra	6 months	3 Months	6 Weeks	1 Month
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STARBRITE® Family

STARBRITE® STARBRITE® REVEAL	2 Years	9 Months	6 Months	3 Months
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TUFFLAKE® Family

TUFFLAKE® TUFFLAKE® Premier	1 Year	6 Months	3 Months	1 Month
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Products using the following prefixed designations (“E”, “EX”, “L”, “LT”, “LE”, “LEB”, “LED”, “LEP”), may be considered experimental or developmental. Please contact your local Technical Service Representative or the individuals listed below, should you have any questions regarding the shelf-life of a particular product.

If a sample is being returned for recertification, please contact one of the following individuals:

North America

Herbert Whildin, Senior Manager-Quality Functions – whildinh@silberline.com

Europe

Alan Snaddon, Technical & Quality Control Manager – snaddona@silberline.com

Derek Morris, ISO and MSDS Compliance Manager – morrisd@silberline.com

Asia

Ming Lei Zhao, Quality Laboratory Supervisor – zhao.minglei@silberline.com

Catherine Goh, Business Admin Manager – gohc@silberline.com

South America

Celso Jaskonis, Administrative Manager – jaskonisc@silberline.com