

Glossary

Section	Term	Definition
Input	Period	The date range for interest accrual.
	Overnight Index	The benchmark rate selected. This tool supports MYOR (Conventional) and MYOR-i (Islamic). <ul style="list-style-type: none"> Historical data for MYOR begins on 24/09/2021 (Friday). Historical data for MYOR-i begins on 25/03/2022 (Friday).
	Spread (%)	The margin added to the benchmark index (e.g., +0.10%).
	Lag / Lookback	Shifts the observation window back by <i>n</i> days to ensure interest is known before the payment date.
	Notional (MYR)	The principal amount used to calculate the MYR interest value.
	Lookback Method	The mechanism for weighting rates ("Without Observation Shift" & "With Observation Shift")
	Adjust Business Day	YES: If a selected date is a non-business day, it is adjusted using the Modified Following Convention.
Output	Effective Dates	The adjusted dates for the accrual period based on business day conventions.
	Observation Dates	The actual window where daily rates are "observed" based on the Lookback period.
	Index Values	The compounded index levels at the start and end of the effective date period.
	Compounded MYOR / MYOR-i (%)	The Compounded MYOR / MYOR-i rate for the period. <ul style="list-style-type: none"> This value excludes the Spread (%).
	Interest Amount	The cash amount payable, calculated using (Compounded MYOR / MYOR-i + Spread) based on the ACT/365 day-count convention.

Illustration 1 : MYOR (Adjust Biz Day)

Overnight Index :	MYOR	Spread (%) :	0%
Start Date :	16/09/2025	End Date :	16/03/2026
Effective Start Date :	17/09/2025	Effective End Date :	16/03/2026
Observation Start Date :	17/09/2025	Observation End Date :	16/03/2026
Lag / Lookback :	0	Notional Amount (MYR)	1,000,000
Lookback Method :	With Observation Shift	Adjust Business Day :	YES

1. Compounded MYOR (%)

$$\text{Compounded MYOR (\%)} = \left(\frac{\text{Index Value on 16 Mar 2026}}{\text{Index Value on 17 Sep 2025}} - 1 \right) \times \frac{365}{(16 \text{ Mar } 2026 - 17 \text{ Sep } 2025)}$$

$$2.76874823\% = \left(\frac{1.1272257210}{1.1120417902} - 1 \right) \times \frac{365}{180}$$

2. Interest Amount (MYR)

$$\text{Interest Amount} = \text{Notional} \times (\text{Compounded MYOR} + \text{Spread}) \times \frac{\text{Duration}}{365}$$

$$\text{RM}13,654.10 = \text{RM}10,000,000 \times (2.76874823\%) \times \frac{180}{365}$$

Illustration 2 : MYOR (No Adjust Biz Day)

Overnight Index :	MYOR	Spread (%) :	0%
Start Date :	16/09/2025	End Date :	16/03/2026
Effective Start Date :	16/09/2025	Effective End Date :	16/03/2026
Observation Start Date :	16/09/2025	Observation End Date :	16/03/2026
Lag / Lookback :	0	Notional Amount (MYR)	1,000,000
Lookback Method :	Without Observation Shift	Adjust Business Day :	NO

1. Calculate *implied* Index Value on non-Biz Day (16/09/2025)

MYOR Index value on 12 Sep 2025 : 1.1116230281 ; Reference Rate on 12 Sep 2025 : 2.75%
MYOR Index Value 16 Sep 2025

$$= (\text{MYOR Index Value 12 Sep 2025}) \times \left(1 + \text{Reference Rate 12 Sep 2025} \times \frac{\text{Duration}}{365} \right)$$

$$= 1.1116230281 \times \left(1 + 2.75\% \times \frac{4}{365} \right)$$

$$= 1.1119580378$$

2. Compounded MYOR (%)

$$\text{Compounded MYOR (\%)} = \left(\frac{\text{Index Value on 16 Mar 2026}}{\text{Index Value on 16 Sep 2025}} - 1 \right) \times \frac{365}{(16 \text{ Mar } 2026 - 16 \text{ Sep } 2025)}$$

$$2.76884746\% = \left(\frac{1.1272257210}{1.1119580378} - 1 \right) \times \frac{365}{181}$$

3. Interest Amount (MYR)

$$\text{Interest Amount} = \text{Notional} \times (\text{Compounded MYOR} + \text{Spread}) \times \frac{\text{Duration}}{365}$$

$$\text{RM}13,730.45 = \text{RM}10,000,000 \times (2.76884746\%) \times \frac{181}{365}$$

Illustration 3 : MYOR (No Adjust Biz Day, Without Observation Shift, Lookback 5 days)

Overnight Index :	MYOR	Spread (%) :	0%
Start Date :	16/09/2025	End Date :	16/03/2026
Effective Start Date :	16/09/2025	Effective End Date :	16/03/2026
Observation Start Date :	16/09/2025	Observation End Date :	16/03/2026
Lag / Lookback :	5	Notional Amount (MYR)	1,000,000
Lookback Method :	Without Observation Shift	Adjust Business Day :	NO

1. Calculate *implied* Index Value on non-Biz Day (16/09/2025)

MYOR Index value on 12 Sep 2025 : 1.11100744; Reference Rate on 04 Sep 2025 : 2.76%
MYOR Index Value 16 Sep 2025

$$= (\text{MYOR Index Value 12 Sep 2025}) \times \left(1 + \text{Reference Rate 04 Sep 2025} \times \frac{\text{Duration}}{365} \right)$$

$$= 1.11100744 \times \left(1 + 2.76\% \times \frac{4}{365} \right)$$

$$= 1.1113434817$$

2. Compounded MYOR (%)

$$\text{Compounded MYOR (\%)} = \left(\frac{\text{Index Value on 16 Mar 2026}}{\text{Index Value on 16 Sep 2025}} - 1 \right) \times \frac{365}{(16 \text{ Mar 2026} - 16 \text{ Sep 2025})}$$

$$2.76901544\% = \left(\frac{1.1266036524}{1.1113434817} - 1 \right) \times \frac{365}{181}$$

3. Interest Amount (MYR)

$$\text{Interest Amount} = \text{Notional} \times (\text{Compounded MYOR} + \text{Spread}) \times \frac{\text{Duration}}{365}$$

$$\text{RM}13,731.28 = \text{RM}10,000,000 \times (2.76901544\%) \times \frac{181}{365}$$

Illustration 4 : MYOR (Adjust Biz Day, Without Observation Shift, Lookback 5 days)

Overnight Index :	MYOR	Spread (%) :	0%
Start Date :	16/09/2025	End Date :	16/03/2026
Effective Start Date :	17/09/2025	Effective End Date :	16/03/2026
Observation Start Date :	08/09/2025	Observation End Date :	09/03/2026
Lag / Lookback :	5	Notional Amount (MYR)	1,000,000
Lookback Method :	With Observation Shift	Adjust Business Day :	YES

1. Compounded MYOR (%)

$$\text{Compounded MYOR (\%)} = \left(\frac{\text{Index Value on 16 Mar 2026}}{\text{Index Value on 17 Sep 2025}} - 1 \right) \times \frac{365}{(09 \text{ Mar } 2026 - 08 \text{ Sep } 2025)}$$

$$2.76905931\% = \left(\frac{1.1266314235}{1.1112874727} - 1 \right) \times \frac{365}{182}$$

2. Interest Amount (MYR)

$$\text{Interest Amount} = \text{Notional} \times (\text{Compounded MYOR} + \text{Spread}) \times \frac{\text{Duration}}{365}$$

$$\text{RM}13,807.36 = \text{RM}10,000,000 \times (2.76905931\%) \times \frac{182}{365}$$

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